

EMI SUPPRESSION
FERRITE CORES



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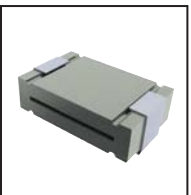


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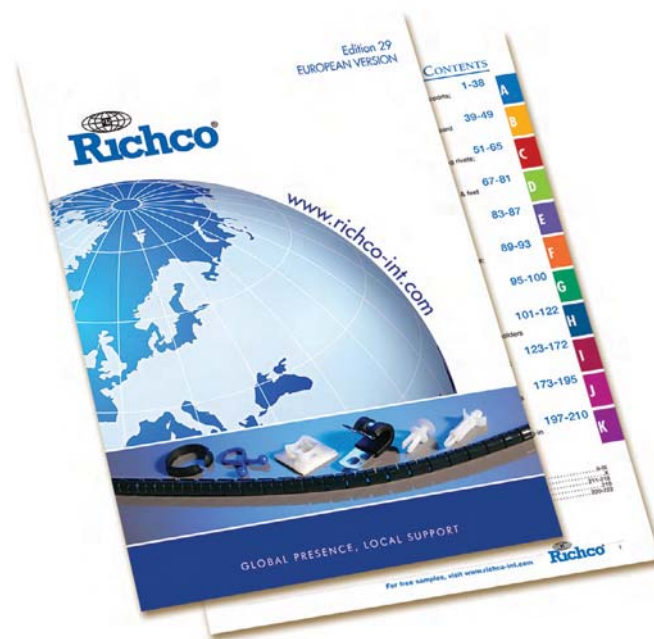
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OTHER RICHCO CATALOGUES

Richco's Fastening Solutions catalogue contains over 25,000 references for circuit board hardware, fiber optic accessories and cable management parts. The product range includes:

- Rivets
- Fan Accessories
- Cable Ties
- Grommets Ferrites
- Motion Control Parts
- Bumpers and Feet
- Features thousands of plastic component solutions in stock
- Contains over 1000 new parts
- Full colour 3D models and product application graphics
- Thumbnail index for quick product identification
- Colour coded product sections for easy reference
- RoHS Compliance information
- Extensive material information, temperature ratings and environmental compliance data



ENGINEERING DESIGN KITS

The Richco FEDKN Kit is a valuable source for engineers for designing, prototyping and testing parts in applications. The FEDKN Kit contains split and solid ferrites for flat and ribbon cables as well as the solid round (toriod) ferrites for round cables.

FEDKN-003

Ferrite Split Core Eng Design Kit



FEDKN-005

Ferrite Solid Core Eng Design Kit



FEDKN-004

Ferrite Flat Cable Eng Design Kit



General Features

Split Ferrite Cores

These products are used as suppression cores for round cable and are available for a wide range of cable diameters. The A5 material cores are installed around a cable and attenuate any form of EMI emission. The nylon case makes the assembly of the core easily in equipment where retrofit and testing is a necessity. The split ferrite cores with plastic casing allows protection against unwanted EMI radiation in digital equipment such as personal computers, word processors, fax machines, display equipment, photocopiers and computer consoles. This protection ensures immunity against transmission and other types of noise in such equipment which is essential.

Solid Ferrite Cores

Bead cores are a broad selection of shielding beads that guarantee impedance specifications over a wide frequency range. The RRRH series of bead cores mainly have applications on wire assemblies and the MATV CATV industries. The ring configuration of the RT series provides greater utilisation of the ferrite material properties. The RT type ferrite cores can be used for a wide frequency range and is mainly used as a multi-turn suppression core.

Flat Cable Suppression Cores

The family of Flat cable suppression cores are used to attenuate irradiated or conducted EMI noise on ribbon cables.

Connector Suppressor Elements

Multihole plates for connectors are special solutions used as EMI suppression devices (in connectors) to be assembled on a PCB. There is a wide selection of multihole for D sub-connectors as well as suppressor elements for DIL and transition elements. The RSH, multiple single turn printed circuit beads are available in four sizes. Beads are supplied with tin copper jumper wires, which complete the desired winding configuration on the printed circuit board. The jumper wires are oxygen free, high conductivity copper with a 95/5 tin coating.

Bead Cores

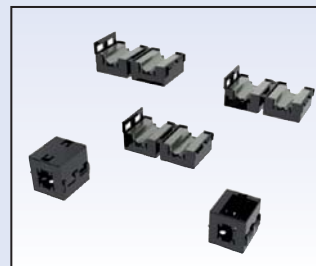
Ferrite bead cores are available in both axial and radial configurations. The bead cores Taped ferrite bead cores are available for "pick and place", or SMD manufacturing.

Wide Band Choke

Beads with six holes are available wound with tinned copper wire, in several winding configurations. The wires are used for winding is oxygen free high conductivity with tin plating.

Wide band chokes are an alternative to bead cores when more impedance or dampening is required. In these products, the conductor wire is wound through the holes in a multi-hole ferrite core, which separates them physically and reduces coil capacitance. This results in higher impedance over a wider frequency range.

Introduction



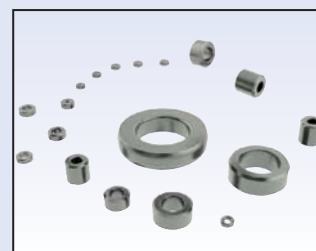
RKCF



RRH



RRC



RT



RFP

FERRITE CORES – SPLIT FERRITE CORES

RKCF

Round Cable Suppression Cores
with plastic casing

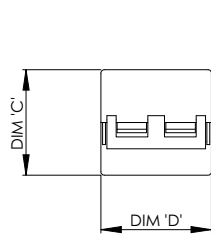


Fig. 1

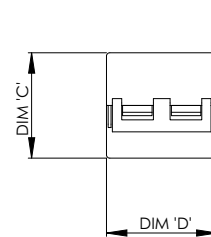
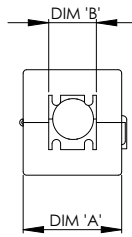
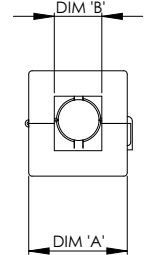


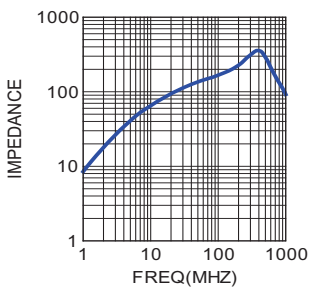
Fig. 2



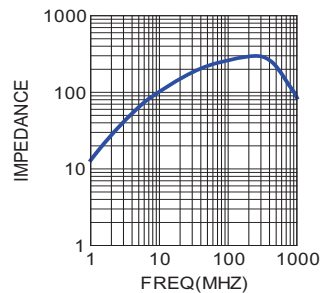
Ferrite Material: **A5 RMS-303** • Casing Material: Black Nylon 6/6 **RMS-244**

RKCF	Applicable Cable Max. (mm)	Fig.	A (mm)	B (mm)	C (mm)	D (mm)	Impedance (Ω)		Standard Pack
							25MHz	100MHz	
RKCF-05-A5	5	1	15	6	14	23	105	170	104
RKCF-06-A5	6.5	1	20.5	7.5	20	33	180	275	56
RKCF-08-A5	8	2	20.5	7.5	20	33	130	260	56
RKCF-10-A5	10	1	25.5	11.5	23.5	32.5	130	240	48
RKCF-13-A5	13	1	31.5	14	31	32.5	150	250	32
Casing in White available by Special Order									
Standard Pack sizes may vary									

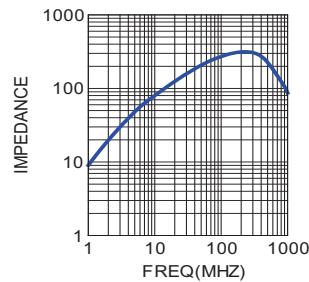
RKCF-05-A5



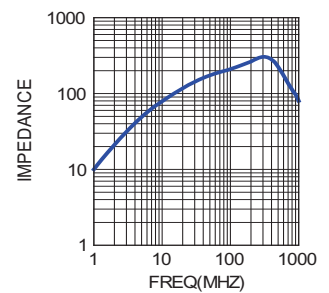
RKCF-06-A5



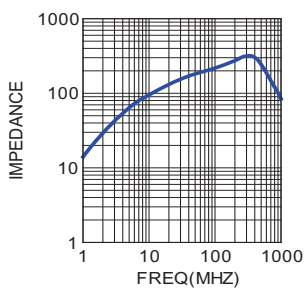
RKCF-08-A5



RKCF-10-A5



RKCF-13-A5



All the data listed in this catalogue are reference only,
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Richco - dedicated to superior quality, for demanding quality standards



FERRITE CORES – SPLIT FERRITE CORES

RRC

Round Cable Suppression Cores
with plastic casing

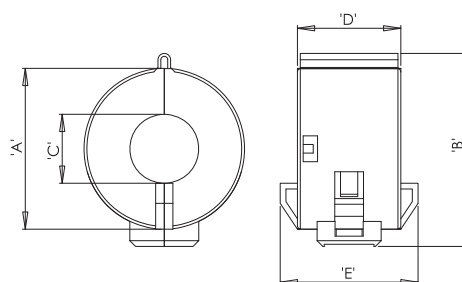


Fig. 1

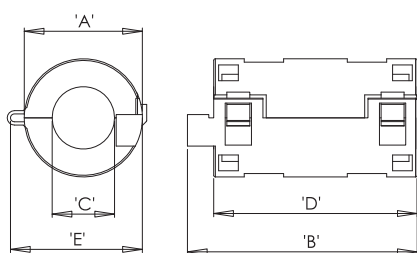


Fig. 2

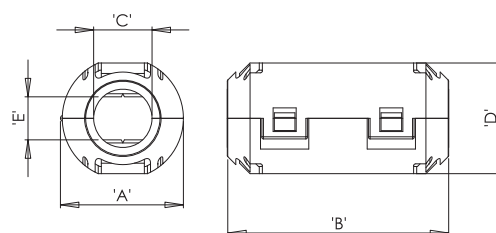


Fig. 3

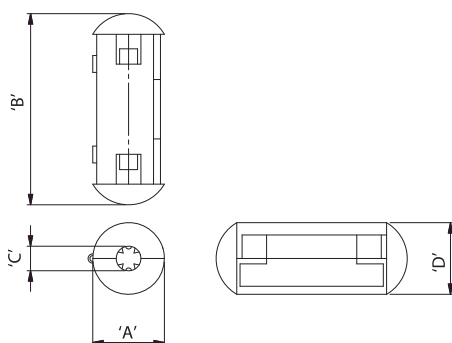


Fig. 4

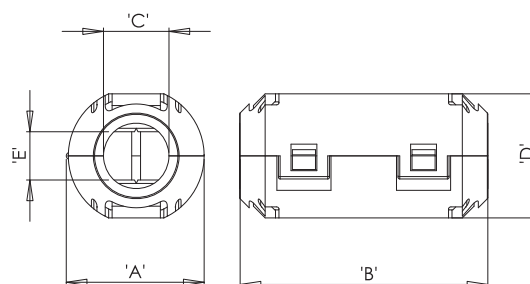


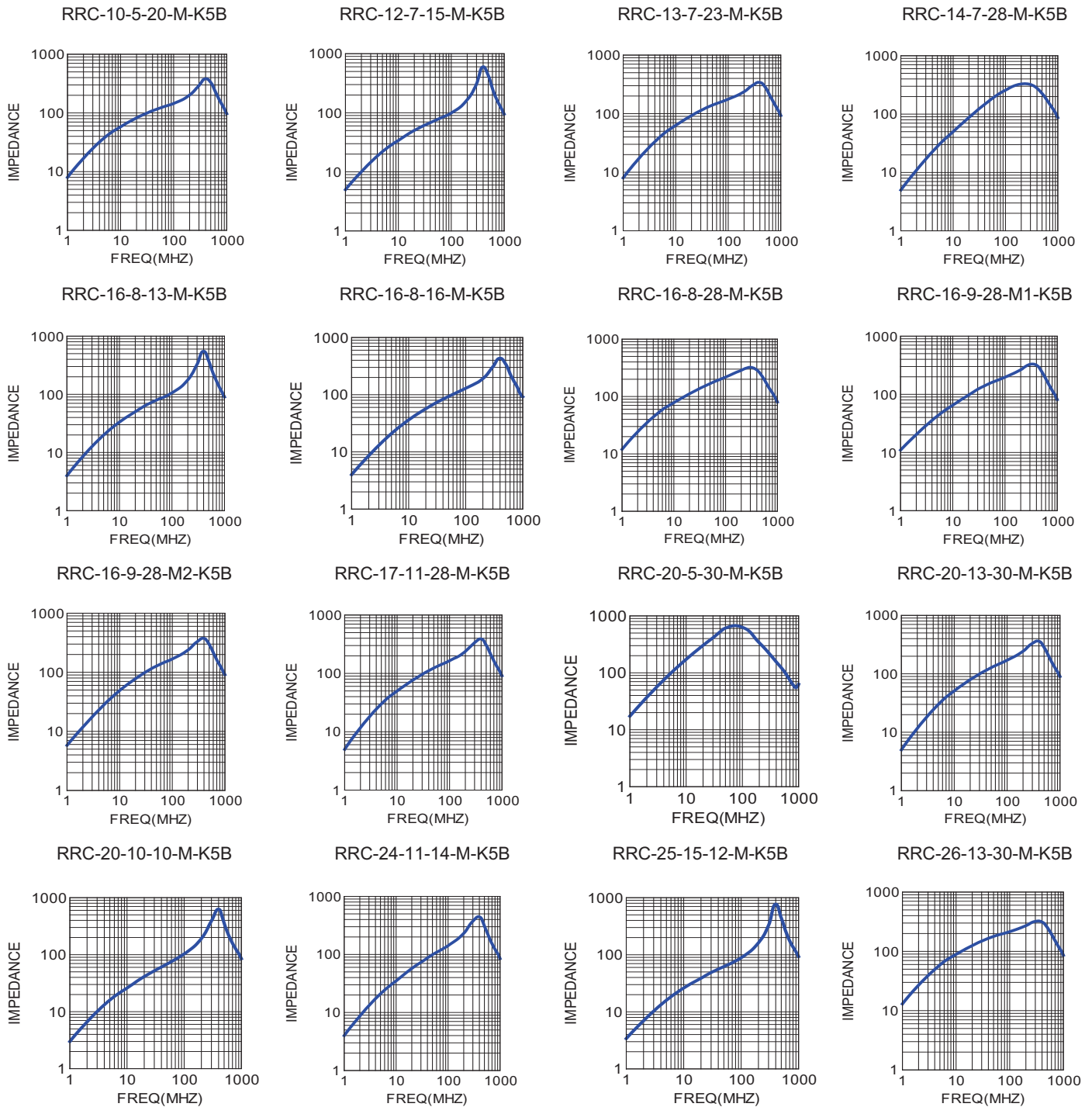
Fig. 5

Ferrite Material: **K5B RMS-303** • Casing Material: Black Nylon 6/6 **RMS-244**

RRC	Applicable Cable Max. (mm)	Fig.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Impedance (Ω)		Standard Pack (Pieces)
								25MHz	100MHz	
RRC-10-5-20-M-K5B	3.5	3	13	25.5	5	12	2.4	93	158	60
RRC-12-7-15-M-K5B	7	2	14	22	7	18	15.5	47	101	150
RRC-13-7-23-M-K5B	4	3	17	30	7	15	3	115	180	36
RRC-14-7-28-M-K5B	7	4	20	39	8.5	20	-	150	260	50
RRC-16-8-13-M-K5B	8	1	19.5	23	8	17	23	60	120	80
RRC-16-8-16-M-K5B	8	1	19.2	23.4	8.2	20	26.1	75	160	40
RRC-16-8-28-M-K5B	8	2	19.5	35	9.5	31	20	130	200	32
RRC-16-9-28-M1-K5B	9	2	19.5	35	9.5	31	20	120	190	50
RRC-16-9-28-M2-K5B	9	3	20	36	9.5	18	6.5	120	190	50
RRC-17-11-28-M-K5B	11	2	20.5	36	11	31.5	20.5	97	207	50
RRC-20-10-10-M-K5B	10	1	24.5	28.5	10.2	13.5	20	50	105	44
RRC-20-13-30-M-K5B	12	3	23	36	13.5	22	10	90	140	80
RRC-20-5-30-M-K5B	4*1.5	5	23	36	5	22	10	270	560	80
RRC-24-11-14-M-K5B	11.5	1	28	31.5	11.5	18	24	70	140	40
RRC-25-15-12-M-K5B	15	1	29	33	15	15.5	21.5	45	100	36
RRC-26-13-30-M-K5B	13	2	30.75	39	13	34	31	140	225	20

Standard Pack sizes may vary

FERRITE CORES – SPLIT FERRITE CORES



Notes

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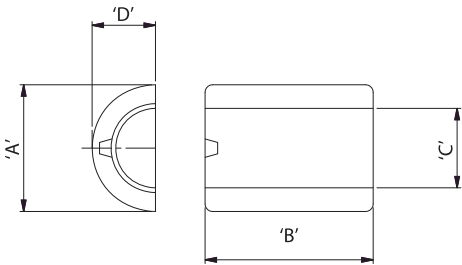
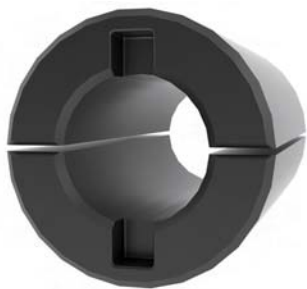
Free of charge samples for testing in your application



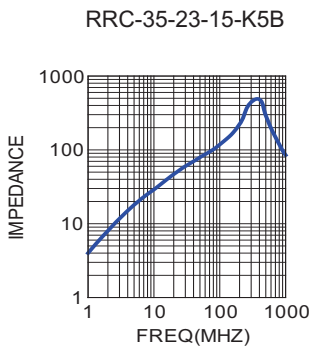
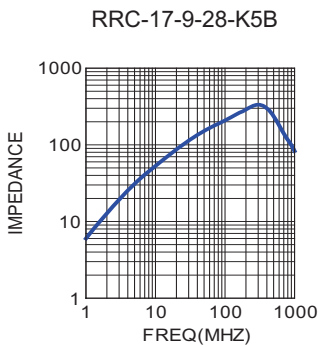
FERRITE CORES – SPLIT FERRITE CORES

RRC SPLIT

Round Cable Suppression Cores



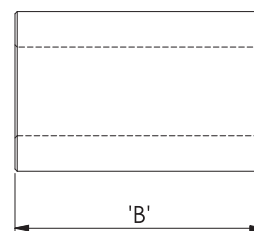
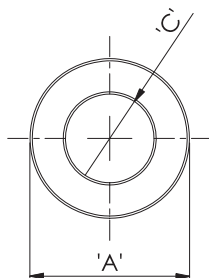
Ferrite Material: K5B RMS-303								
RRC	Applicable Cable Max. (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Impedance (Ω)		Standard Pack (Pieces)
						25MHz	100MHz	
RRC-17-9-28-K5B	9	17.5	28.5	9.5	8.75	98	160	80
RRC-35-23-15-K5B	22	35.5	15	22.5	17.4	51	108	24
Standard Pack sizes may vary								



Notes

FERRITE CORES — SOLID FERRITE CORES

RRH Sleeve Cores



Ferrite Material: K5B RMS-303						
RRH	A (mm)	B (mm)	C (mm)	Impedance (Ω)		Standard Pack (Pieces)
				25MHz	100MHz	
RRH-25-8-40-K5B	2.5	4	0.8	33	52	4.000
RRH-25-8-70-K5B	2.5	7	0.8	55	85	4.000
RRH-30-10-30-K5B	3	3	1	25	47	4.000
RRH-30-10-40-K5B	3	4	1	32	51	4.000
RRH-30-10-60-K5B	3	6	1	46	74	4.000
RRH-30-12-30-K5B	3	3	1.2	23	44	4.000
RRH-35-8-35-K5B	3.5	3.5	0.8	37	62	4.000
RRH-35-8-45-K5B	3.5	4.5	0.8	46	86	4.000
RRH-35-8-47-K5B	3.5	4.7	0.8	46	77	4.000
RRH-35-8-50-K5B	3.5	5	0.8	50	85	4.000
RRH-35-8-60-K5B	3.5	6	0.8	57	92	2.000
RRH-35-8-75-K5B	3.5	7.5	0.8	69	114	2.000
RRH-35-8-80-K5B	3.5	8	0.8	77	134	4.000
RRH-35-8-90-K5B	3.5	9	0.8	93	158	1.000
RRH-35-8-95-K5B	3.5	9.5	0.8	84	133	1.000
RRH-35-8-140-K5B	3.5	14	0.8	144	212	2.000
RRH-35-10-40-K5B	3.5	4	1	32	55	4.000
RRH-35-10-60-K5B	3.5	6	1	53	75	2.000
RRH-35-10-80-K5B	3.5	8	1	78	111	2.000
RRH-35-12-35-K5B	3.5	3.5	1.2	26	45	4.000
RRH-35-12-40-K5B	3.5	4	1.2	31	46	4.000
RRH-35-12-50-K5B	3.5	5	1.2	37	55	4.000
RRH-35-12-60-K5B	3.5	6	1.2	45	73	4.000
RRH-35-12-70-K5B	3.5	7	1.2	54	84	2.000
RRH-35-13-40-K5B	3.5	4	1.3	29	48	4.000
RRH-35-13-50-K5B	3.5	5	1.3	37	61	4.000
RRH-35-13-60-K5B	3.5	6	1.3	43	64	4.000
RRH-35-13-90-K5B	3.5	9	1.3	62	80	2.000
RRH-35-15-40-K5B	3.5	4	1.5	25	43	4.000
RRH-35-15-50-K5B	3.5	5	1.5	33	51	4.000
RRH-35-15-60-K5B	3.5	6	1.5	35	60	4.000
RRH-35-18-35-K5B	3.5	3.5	1.8	19	37	4.000
RRH-35-18-50-K5B	3.5	5	1.8	27	48	4.000
RRH-35-18-60-K5B	3.5	6	1.8	28	54	4.000
RRH-40-15-40-K5B	4	4	1.5	26	51	2.000
RRH-40-15-50-K5B	4	5	1.5	35	54	2.000
RRH-40-15-100-K5B	4	10	1.5	65	91	2.000
RRH-40-20-40-K5B	4	4	2	24	48	4.000
RRH-40-20-50-K5B	4	5	2	28	51	2.000
RRH-40-20-60-K5B	4	6	2	30	49	2.000
RRH-40-20-70-K5B	4	7	2	40	64	2.000
RRH-40-20-80-K5B	4	8	2	39	58	2.000
RRH-40-20-100-K5B	4	10	2	53	80	2.000
RRH-40-20-120-K5B	4	12	2	52	76	2.000
RRH-40-20-150-K5B	4	15	2	70	97	2.000

Standard Pack sizes may vary

PTO ➡

FERRITE CORES – SOLID FERRITE CORES

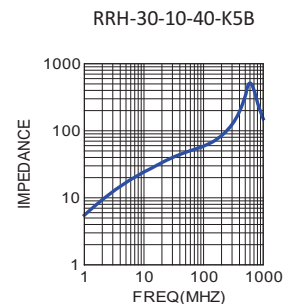
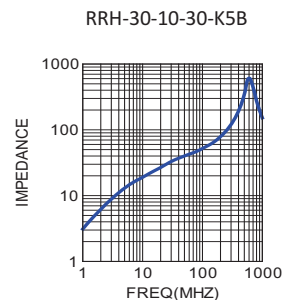
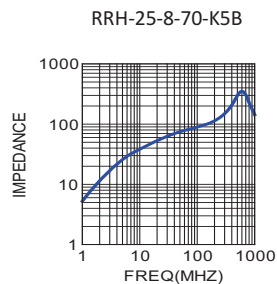
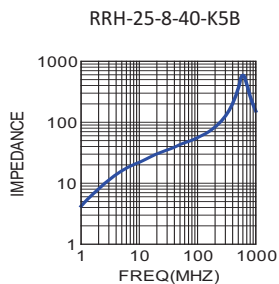
Ferrite Material: K5B RMS-303						
RRH	A (mm)	B (mm)	C (mm)	Impedance (Ω)		Standard Pack (Pieces)
				25MHz	100MHz	
RRH-40-20-170-K5B	4	17	2	79	116	2,000
RRH-45-25-48-K5B	4.5	4.8	2.5	21	41	2,000
RRH-45-25-70-K5B	4.5	7	2.5	32	55	2,000
RRH-45-26-120-K5B	4.5	12	2.6	49	72	2,000
RRH-46-20-110-K5B	4.6	11	2	65	104	2,000
RRH-48-23-64-K5B	4.83	6.35	2.29	43	80	2,000
RRH-50-15-110-K5B	5	11	1.5	84	119	1,000
RRH-50-15-200-K5B	5	20	1.5	158	221	500
RRH-50-16-62-K5B	5	6.2	1.6	56	91	2,000
RRH-50-22-120-K5B	5	12	2.15	69	108	1,000
RRH-50-22-180-K5B	5	18	2.15	128	147	500
RRH-50-23-50-K5B	5	5	2.3	30	55	2,000
RRH-50-23-100-K5B	5	10	2.3	51	72	1,000
RRH-50-24-64-K5B	5	6.35	2.36	32	50	2,000
RRH-57-15-80-K5B	5.7	8	1.5	76	111	1,000
RRH-60-30-100-K5B	6	10	3	52	90	1,000
RRH-60-30-250-K5B	6	25	3	120	175	500
RRH-60-32-180-K5B	6	18	3.15	100	155	500
RRH-60-40-100-K5B	6	10	4	27	48	1,000
RRH-60-40-128-K5B	6	12.8	4	34	54	500
RRH-64-33-127-K5B	6.35	12.7	3.3	55	80	500
RRH-64-33-158-K5B	6.35	15.8	3.3	76	101	500
RRH-65-43-100-K5B	6.5	10	4.3	34	62	1,000
RRH-65-43-110-K5B	6.5	11	4.3	38	63	1,000
RRH-75-24-75-K5B	7.5	7.5	2.4	60	102	2,000
RRH-79-30-100-K5B	7.9	10	3	68	108	1,000
RRH-79-30-190-K5B	7.9	19	3	130	190	500
RRH-79-40-128-K5B	7.9	12.8	4	66	107	500
RRH-80-32-101-K5B	8	10.06	3.18	67	115	500
RRH-80-40-100-K5B	8	10	4	48	71	500
RRH-80-50-160-K5B	8	16	5	59	104	500
RRH-80-60-90-K5B	8	9	6	23	47	500
RRH-80-60-98-K5B	8	9.8	6	22	41	500
RRH-80-60-120-K5B	8	12	6	25	45	500
RRH-93-45-95-K5B	9.3	9.5	4.5	53	98	500
RRH-93-58-110-K5B	9.3	11	5.8	37	62	500
RRH-95-48-95-K5B	9.5	9.5	4.8	50	86	500
RRH-95-48-127-K5B	9.5	12.7	4.8	56	80	500
RRH-95-50-104-K5B	9.5	10.4	5	53	81	500
RRH-95-50-145-K5B	9.5	14.5	5	75	121	500
RRH-95-50-160-K5B	9.5	16	5	72	114	300
RRH-95-50-190-K5B	9.5	19	5	95	135	300
RRH-95-50-195-K5B	9.5	19.5	5	98	153	300
RRH-95-52-95-K5B	9.5	9.5	5.2	45	76	500
RRH-95-52-100-K5B	9.5	10	5.2	48	74	500
RRH-95-58-100-K5B	9.5	10	5.8	38	68	500
RRH-96-51-159-K5B	9.52	15.88	5.08	74	103	500
RRH-98-8-114-K5B	9.8	11.4	0.8	167	256	200
RRH-98-67-135-K5B	9.8	13.5	6.7	43	91	500
RRH-98-67-191-K5B	9.8	19.05	6.7	51	88	300
RRH-100-50-100-K5B	10	10	5	54	85	500
RRH-100-60-100-K5B	10	10	6	38	66	500
RRH-100-60-140-K5B	10	14	6	45	73	200
RRH-100-70-100-K5B	10	10	7	31	57	500
RRH-105-55-200-K5B	10.5	20	5.5	95	138	200
RRH-105-55-250-K5B	10.5	25	5.5	106	173	150
RRH-110-50-160-K5B	11	16	5	87	138	200
RRH-110-50-185-K5B	11	18.5	5	113	178	200
RRH-110-50-200-K5B	11	20	5	106	154	200
RRH-110-50-250-K5B	11	25	5	145	230	400
RRH-115-43-200-K5B	11.5	20	4.3	148	210	100
RRH-115-43-260-K5B	11.5	26	4.3	190	270	100
RRH-115-50-185-K5B	11.5	18.5	5	101	146	100
RRH-118-73-150-K5B	11.8	15	7.3	61	109	200
RRH-120-35-230-K5B	12	23	3.5	210	328	100
RRH-120-56-150-K5B	12	15	5.6	79	124	200
RRH-120-56-200-K5B	12	20	5.6	119	175	165
RRH-120-56-300-K5B	12	30	5.6	180	260	110
Standard Pack sizes may vary						

FERRITE CORES – SOLID FERRITE CORES

Ferrite Material: K5B RMS-303

RRH	A (mm)	B (mm)	C (mm)	Impedance (Ω)		Standard Pack (Pieces)
				25MHz	100MHz	
RRH-120-70-120-K5B	12	12	7	46	76	300
RRH-120-70-150-K5B	12	15	7	60	92	200
RRH-120-73-200-K5B	12	20	7.3	69	108	100
RRH-120-85-120-K5B	12	12	8.5	39	75	200
RRH-120-85-150-K5B	12	15	8.5	45	85	200
RRH-122-79-230-K5B	12.2	23	7.9	67	108	100
RRH-123-70-200-K5B	12.3	20	7	72	137	165
RRH-123-49-254-K5B	12.32	25.4	4.88	172	264	100
RRH-125-52-150-K5B	12.5	15	5.2	95	145	200
RRH-125-80-125-K5B	12.5	12.5	8	42	72	200
RRH-127-79-127-K5B	12.7	12.7	7.9	43	60	200
RRH-140-90-150-K5B	14	15	9	48	82	200
RRH-142-64-150-K5B	14.2	15	6.35	92	146	200
RRH-142-64-180-K5B	14.2	18	6.35	99	141	100
RRH-142-64-285-K5B	14.2	28.5	6.35	164	255	110
RRH-142-70-150-K5B	14.2	15	7	78	116	200
RRH-142-70-235-K5B	14.2	23.5	7	127	204	100
RRH-142-70-285-K5B	14.2	28.5	7	143	243	110
RRH-142-80-150-K5B	14.2	15	8	63	107	200
RRH-142-80-285-K5B	14.2	28.5	8	128	195	110
RRH-149-70-190-K5B	14.99	19	6.99	107	171	128
RRH-149-70-279-K5B	14.99	27.94	6.99	151	237	110
RRH-153-102-285-K5B	15.2	28.5	10.2	81	128	99
RRH-153-80-280-K5B	15.25	28	8	122	180	99
RRH-153-90-170-K5B	15.25	17	9	53	103	120
RRH-157-70-286-K5B	15.65	28.57	6.99	164	258	99
RRH-158-79-160-K5B	15.8	16	7.9	84	132	100
RRH-159-79-286-K5B	15.88	28.57	7.87	148	241	99
RRH-160-43-175-K5B	16	17.5	4.3	92	213	126
RRH-160-70-200-K5B	16	20	7	111	163	96
RRH-160-70-280-K5B	16	28	7	174	247	99
RRH-160-80-160-K5B	16	16	8	77	116	100
RRH-160-90-170-K5B	16	17	9	61	115	120
RRH-160-90-200-K5B	16	20	9	98	124	112
RRH-160-90-280-K5B	16	28	9	104	178	99
RRH-160-90-285-K5B	16	28.5	9	105	195	99
RRH-160-100-280-K5B	16	28	10	91	156	99
RRH-163-79-508-K5B	16.25	50.8	7.9	226	368	48
RRH-171-88-254-K5B	17.07	25.4	8.76	122	180	88
RRH-175-80-285-K5B	17.5	28.5	8	139	203	88
RRH-175-83-285-K5B	17.5	28.5	8.3	143	242	88
RRH-175-95-285-K5B	17.5	28.5	9.5	115	170	88
RRH-175-95-350-K5B	17.5	35	9.5	152	253	88
RRH-175-100-400-K5B	17.5	40	10	166	262	88
RRH-175-107-285-K5B	17.5	28.5	10.7	90	150	88
RRH-180-100-180-K5B	18	18	10	80	135	100
RRH-180-100-280-K5B	18	28	10	124	209	88
RRH-180-100-290-K5B	18	29	10	128	210	88
RRH-186-102-250-K5B	18.67	25	10.16	115	178	88
RRH-186-102-286-K5B	18.67	28.57	10.16	117	171	88
RRH-190-58-315-K5B	19	31.5	5.8	243	323	77
RRH-190-58-350-K5B	19	35	5.8	272	340	77
RRH-190-63-350-K5B	19	35	6.3	242	324	77
RRH-190-130-290-K5B	19	29	13	60	105	77
RRH-259-128-286-K5B	25.91	28.57	12.83	127	195	40
RRH-280-160-280-K5B	28	28	16	110	169	32
RRH-285-138-286-K5B	28.5	28.57	13.77	158	250	24

Standard Pack sizes may vary

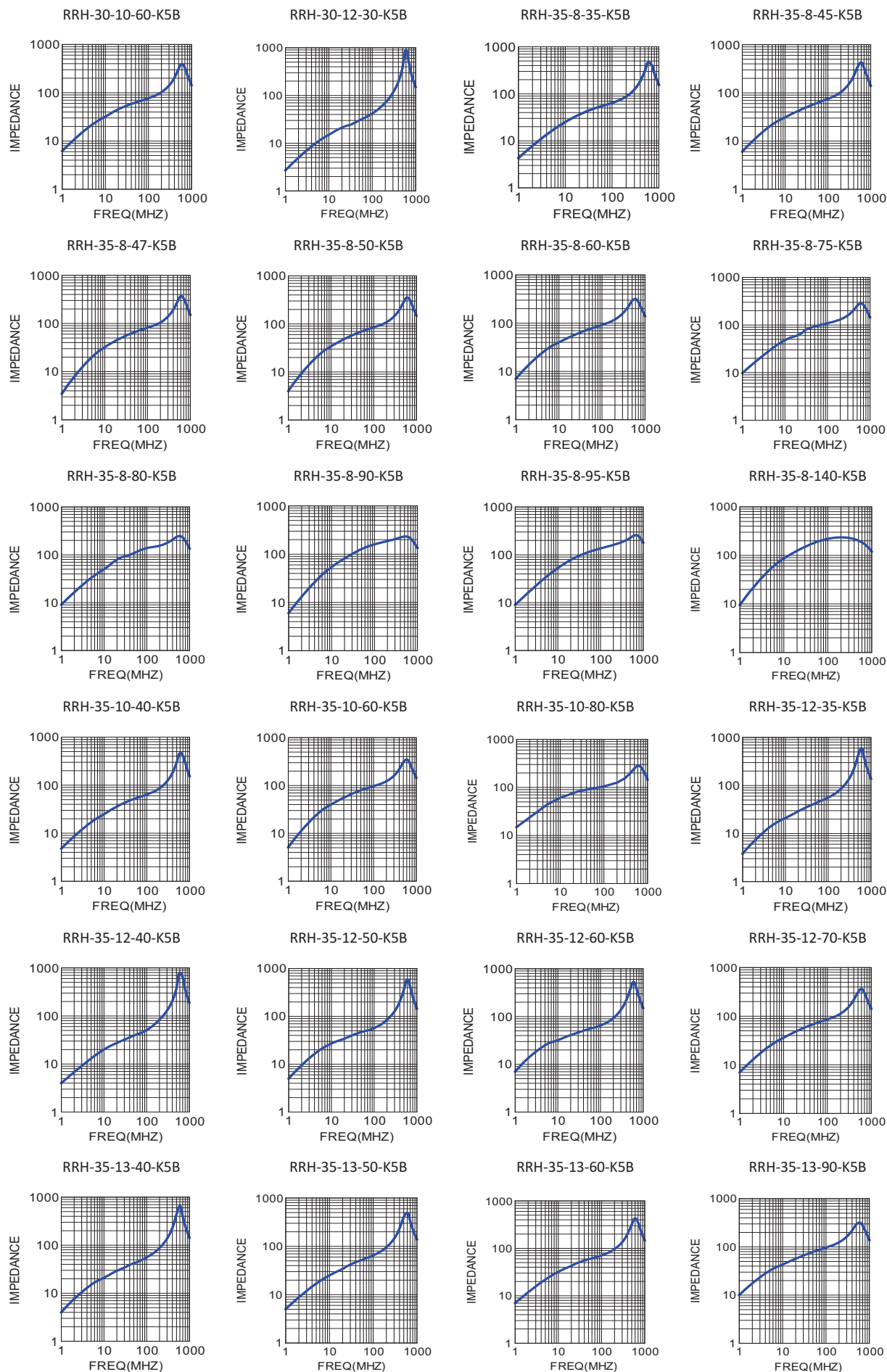


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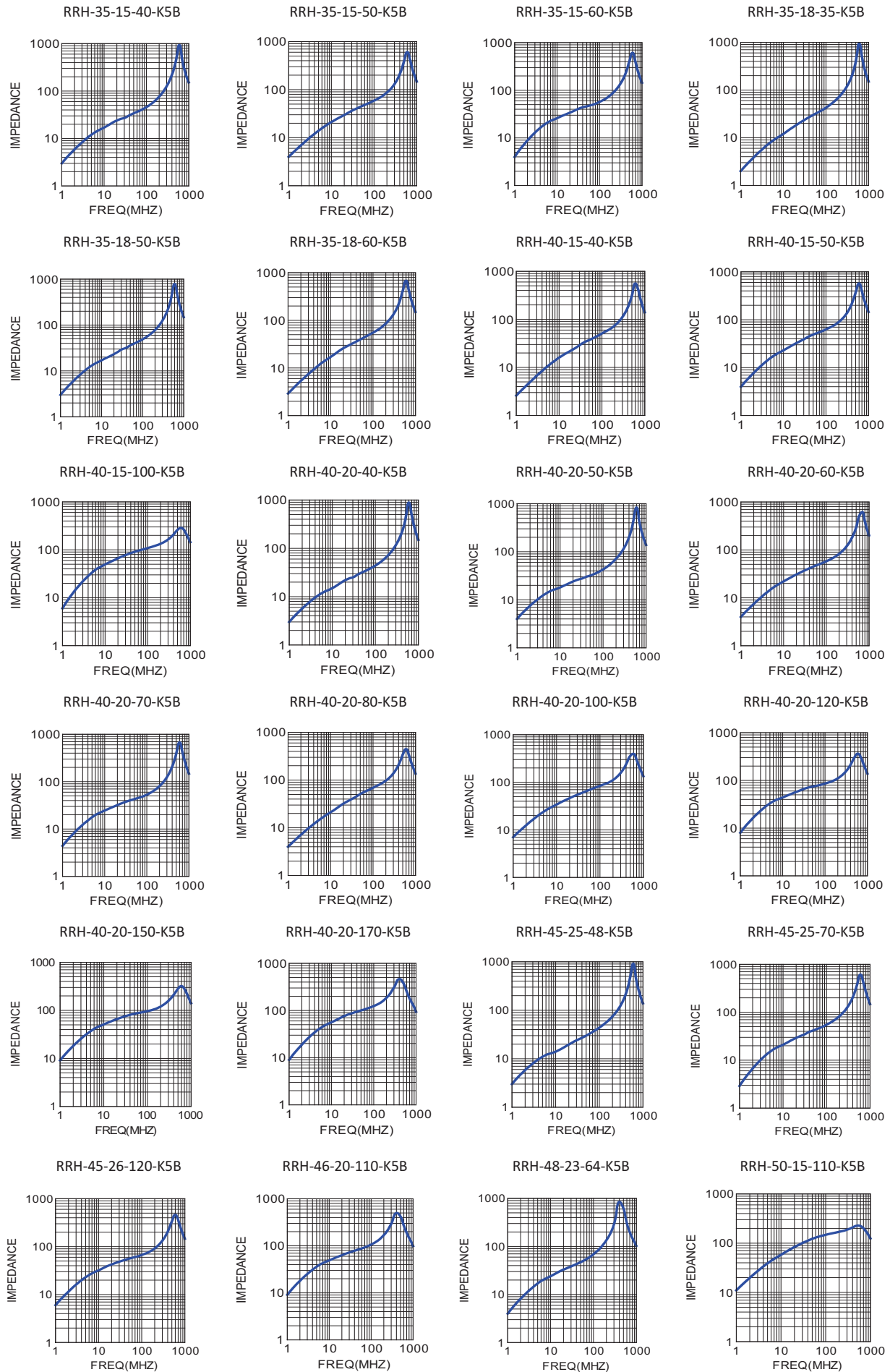
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FERRITE CORES — SOLID FERRITE CORES



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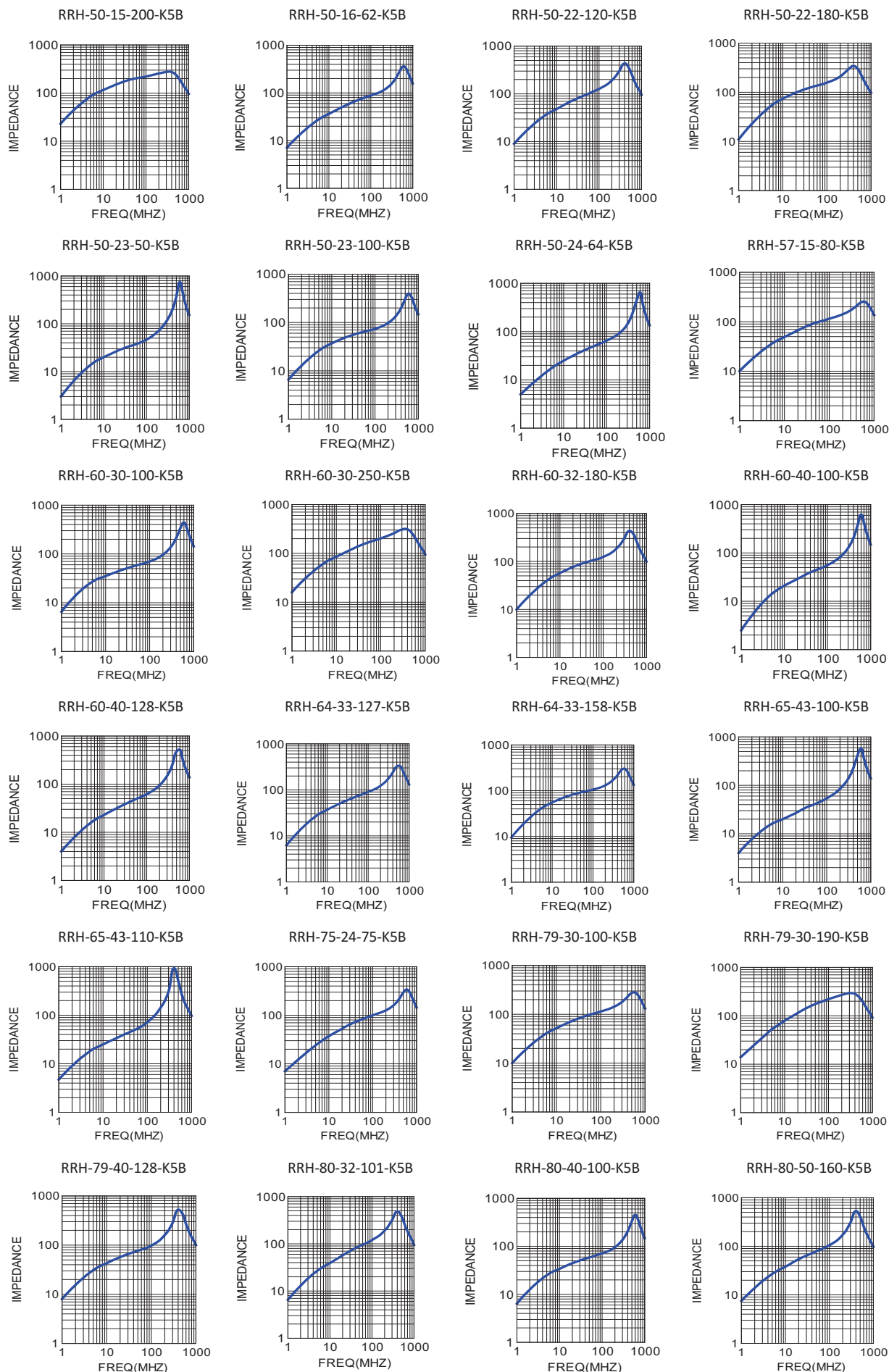


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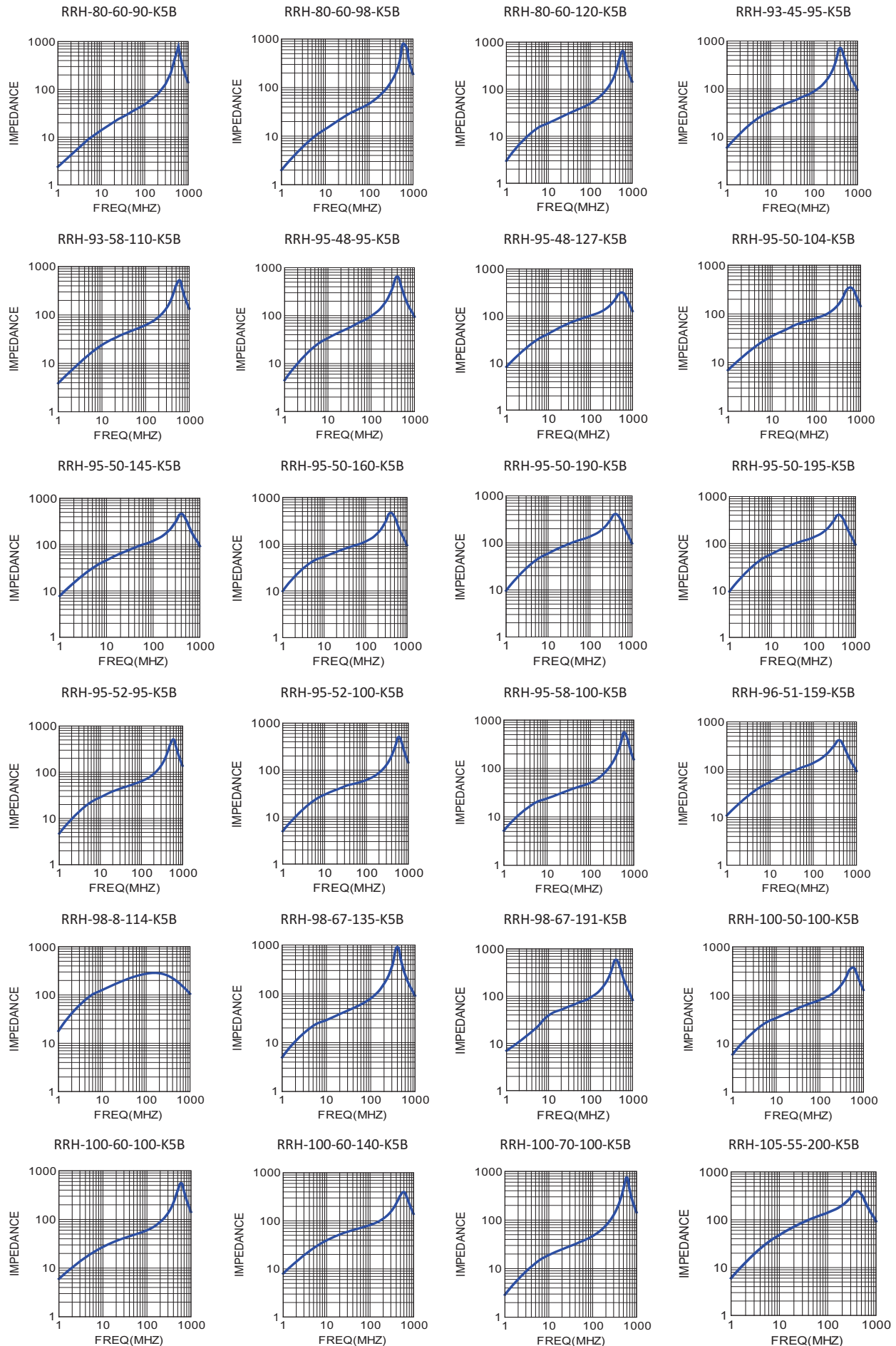


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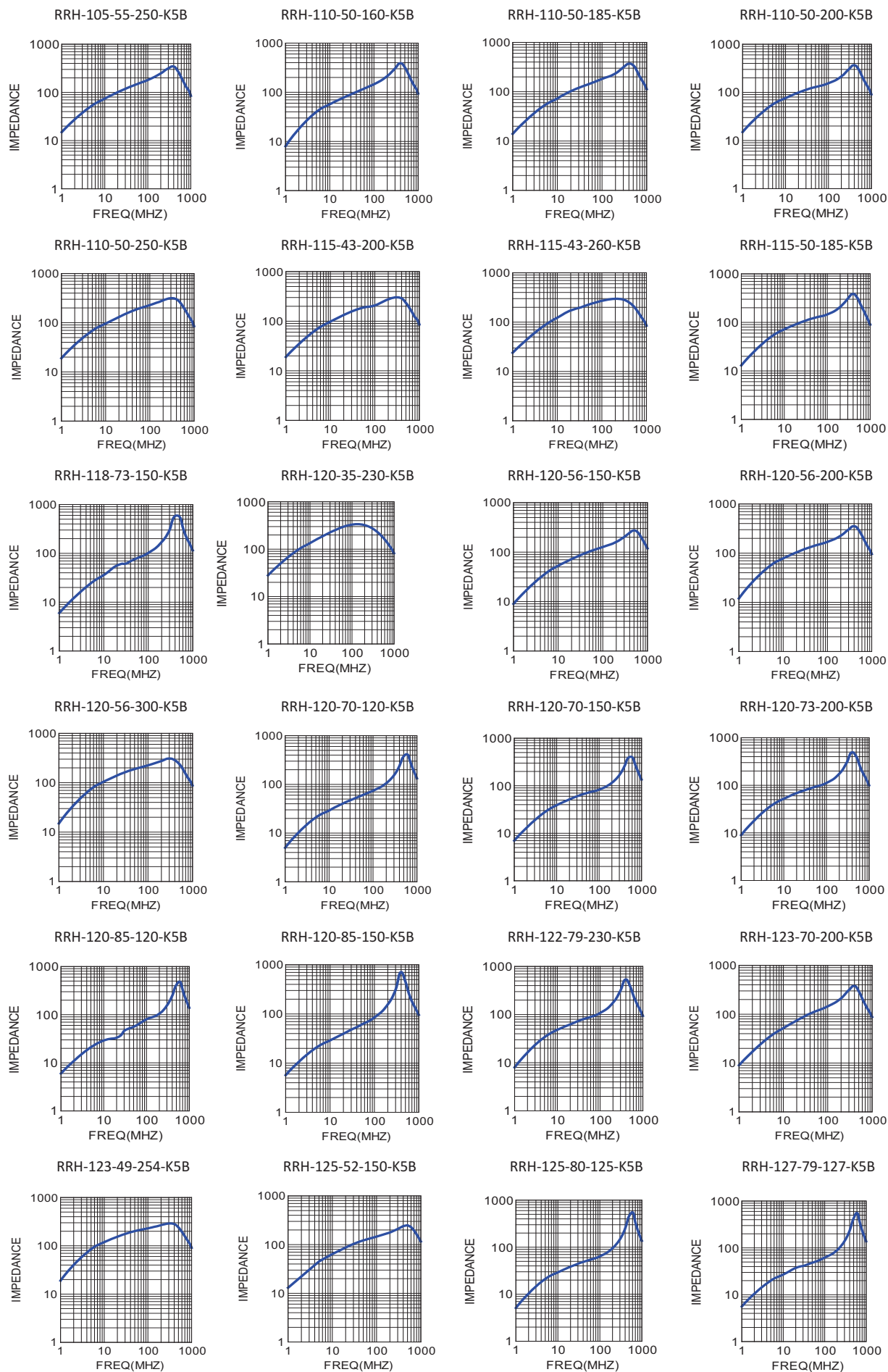
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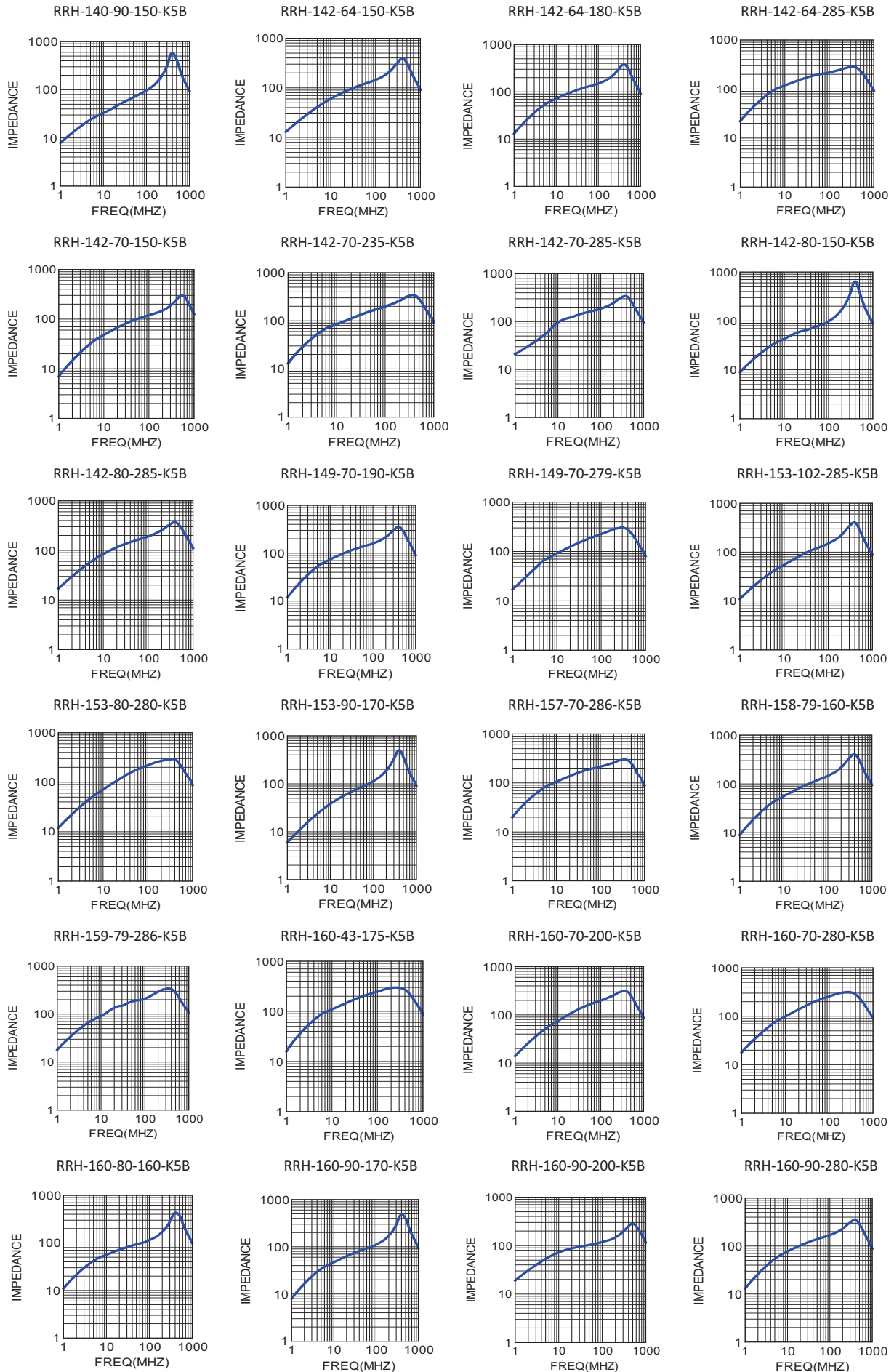
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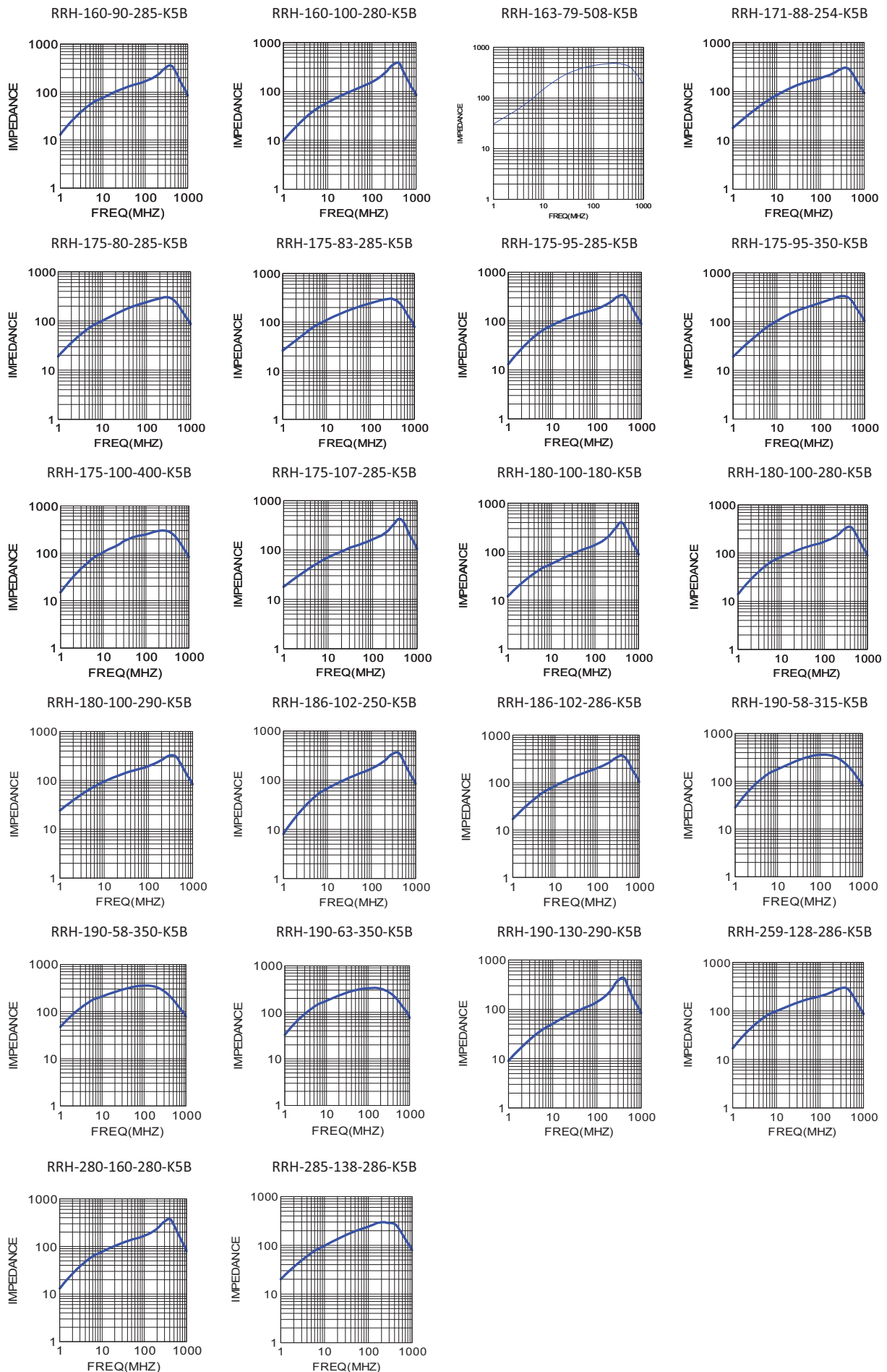


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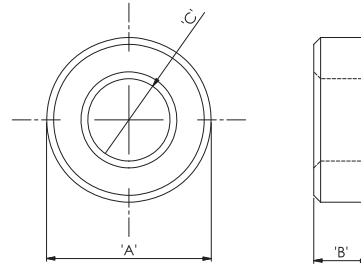
FERRITE CORES – SOLID FERRITE CORES



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FERRITE CORES – SOLID FERRITE CORES

RT Toroid Cores



Ferrite Material: K5B RMS-303						
RT	A (mm)	B (mm)	C (mm)	Impedance (Ω)		Standard Pack (Pieces)
				25MHz	100MHz	
RT-30-10-20-K5B	3	2	1	20	42	4.000
RT-30-12-20-K5B	3	2	1.2	17	38	4.000
RT-35-8-25-K5B	3.5	3	1	25	52	4.000
RT-35-8-30-K5B	3.5	3	0.8	31	53	4.000
RT-35-10-30-K5B	3.5	3	1.0	29	50	4.000
RT-35-12-30-K5B	3.5	3	1.2	25	45	4.000
RT-35-13-30-K5B	3.5	3	1.3	26	47	4.000
RT-35-13-33-K5B	3.5	3.25	1.3	27	48	4.000
RT-35-14-30-K5B	3.5	3	1.4	22	48	4.000
RT-35-14-33-K5B	3.5	3	1.4	26	49	4.000
RT-35-15-15-K5B	3.5	1.54	1.5	15	36	4.000
RT-35-15-30-K5B	3.5	3	1.5	21	42	4.000
RT-35-15-33-K5B	3.5	3.3	1.5	21	43	4.000
RT-35-17-30-K5B	3.5	3	1.7	17	38	4.000
RT-35-18-13-K5B	3.5	1.3	1.8	11	31	4.000
RT-35-18-30-K5B	3.5	3	1.8	18	37	4.000
RT-39-23-25-K5B	3.94	2.54	2.29	15	36	4.000
RT-40-15-20-K5B	4	2	1.5	19	39	4.000
RT-40-15-30-K5B	4	3	1.5	23	45	4.000
RT-40-20-15-K5B	4	1.5	2	13	35	4.000
RT-40-20-20-K5B	4	2	2	14	37	4.000
RT-40-20-30-K5B	4	3	2	20	41	4.000
RT-40-22-17-K5B	4	1.7	2.2	12	31	4.000
RT-41-16-40-K5B	4.1	4	1.6	31	55	2.000
RT-43-28-25-K5B	4.3	2.5	2.8	13	35	4.000
RT-44-28-14-K5B	4.4	1.4	2.8	12	32	5.000
RT-45-25-32-K5B	4.5	3.2	2.5	18	37	4.000
RT-50-15-40-K5B	5	4	1.5	30	51	2.000
RT-50-20-20-K5B	5	2	2	17	37	2.000
RT-50-20-40-K5B	5	4	2	30	46	2.000
RT-50-23-30-K5B	5	3	2.3	19	39	2.000
RT-60-30-15-K5B	6	1.5	3	10	31	2.000
RT-60-30-20-K5B	6	2	3	15	35	2.000
RT-60-30-30-K5B	6	3	3	21	40	2.000
RT-60-30-38-K5B	6	3.8	3	22	43	1.000
RT-60-30-40-K5B	6	4	3	24	44	1.000
RT-60-30-55-K5B	6	5.5	3	31	51	1.000
RT-65-43-60-K5B	6.5	6	4.3	21	42	1.000
RT-70-35-40-K5B	7	4	3.5	23	46	1.000
RT-70-35-60-K5B	7	6	3.5	34	59	1.000
RT-73-33-43-K5B	7.3	4.3	3.3	27	50	1.000
RT-75-24-40-K5B	7.5	4	2.4	32	62	1.000

Standard Pack sizes may vary

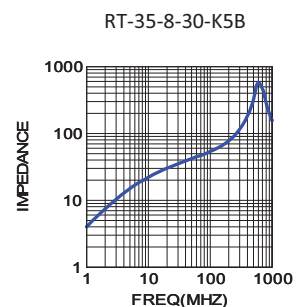
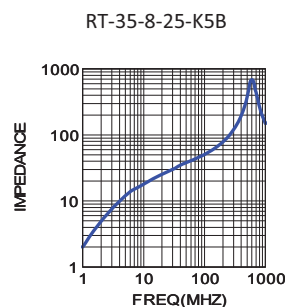
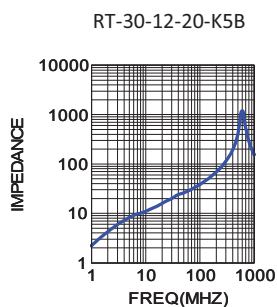
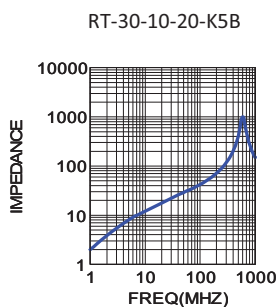
FERRITE CORES – SOLID FERRITE CORES

Ferrite Material: K5B RMS-303						
RT	A (mm)	B (mm)	C (mm)	Impedance (Ω)		Standard Pack (Pieces)
				25MHz	100MHz	
RT-76-52-62-K5B	7.6	6.2	5.2	21	40	1.000
RT-79-40-70-K5B	7.9	7	4	33	57	500
RT-80-31-40-K5B	8	4	3.1	33	52	1.000
RT-80-40-30-K5B	8	3	4	17	37	1.000
RT-80-40-40-K5B	8	4	4	23	46	1.000
RT-80-40-60-K5B	8	6	4	33	57	500
RT-80-60-50-K5B	8	5	6	15	36	500
RT-80-60-70-K5B	8	7	6	20	42	500
RT-85-50-30-K5B	8.5	3	5	16	34	1.000
RT-90-50-30-K5B	9	3	5	16	37	1.000
RT-90-50-80-K5B	9	8	5	38	64	500
RT-93-45-64-K5B	9.3	6.35	4.5	32	50	500
RT-94-63-72-K5B	9.4	7.2	6.3	22	42	1.000
RT-95-46-46-K5B	9.5	4.57	4.6	27	47	500
RT-95-48-33-K5B	9.5	3.3	4.8	22	45	1.000
RT-95-50-48-K5B	9.5	4.8	5	22	47	500
RT-95-50-50-K5B	9.5	5	5	26	49	500
RT-100-30-60-K5B	10	6	3	50	82	500
RT-100-50-50-K5B	10	5	5	34	73	500
RT-100-60-30-K5B	10	3	6	15	37	1.000
RT-100-60-40-K5B	10	4	6	20	42	1.000
RT-100-60-50-K5B	10	5	6	22	41	500
RT-100-60-62-K5B	10	6.2	6	25	49	500
RT-100-60-80-K5B	10	8	6	33	60	500
RT-100-70-50-K5B	10	5	7	17	39	500
RT-100-70-70-K5B	10	7	7	22	44	500
RT-100-70-75-K5B	10	7.5	7	25	46	500
RT-103-58-102-K5B	10.3	10.2	5.8	40	67	500
RT-110-50-90-K5B	11	9	5	60	107	200
RT-120-60-40-K5B	12	4	6	24	48	500
RT-120-60-60-K5B	12	6	6	34	58	500
RT-120-60-80-K5B	12	8	6	46	77	500
RT-120-70-55-K5B	12	5.5	7	26	49	500
RT-120-70-60-K5B	12	6	7	28	48	500
RT-125-80-64-K5B	12.5	6	8	24	46	500
RT-125-80-120-K5B	12.5	12	8	36	58	200
RT-127-79-64-K5B	12.7	6.35	7.9	26	68	500
RT-130-70-30-K5B	13	3	7	17	39	500
RT-130-70-55-K5B	13	5.5	7	27	50	300
RT-130-70-60-K5B	13	6	7	28	51	500
RT-130-70-70-K5B	13	7	7	32	56	200
RT-130-71-127-K5B	13	12.7	7.1	60	106	200
RT-140-80-50-K5B	14	5	8	26	50	500
RT-140-80-70-K5B	14	7	8	28	50	500
RT-140-90-50-K5B	14	5	9	19	37	500
RT-142-64-102-K5B	14.2	10.16	6.35	57	95	200
RT-142-64-135-K5B	14.2	13.5	6.35	75	125	200
RT-142-80-120-K5B	14.2	12	8	49	76	200
RT-145-102-80-K5B	14.5	8	10.2	29	69	200
RT-150-105-120-K5B	15	12	10.5	37	62	200
RT-159-79-143-K5B	15.88	14.27	7.87	79	121	100
RT-160-80-120-K5B	16	12	8	59	95	200
RT-160-80-130-K5B	16	13	8	64	99	100
RT-160-90-120-K5B	16	12	9	55	87	200
RT-160-100-70-K5B	16	7	10	32	71	300
RT-160-100-80-K5B	16	8	10	29	55	200
RT-160-100-100-K5B	16	10	10	43	85	150
RT-160-120-80-K5B	16	8	12	26	48	200
RT-160-120-150-K5B	16	15	12	33	58	200
RT-165-82-130-K5B	16.5	13	8.2	70	125	120
RT-165-82-160-K5B	16.5	16	8.2	83	140	120
RT-165-92-75-K5B	16.5	7.5	9.2	35	70	200
RT-175-80-100-K5B	17.5	10	8.0	62	94	98
RT-175-95-50-K5B	17.5	5	10	22	44	200
RT-175-95-64-K5B	17.5	6	9.5	31	53	200
RT-175-95-70-K5B	17.5	7	9.5	30	54	200
RT-175-95-110-K5B	17.5	11	9.5	55	96	200
Standard Pack sizes may vary						

FERRITE CORES – SOLID FERRITE CORES

Ferrite Material: K5B RMS-303						
RT	A (mm)	B (mm)	C (mm)	Impedance (Ω)		Standard Pack (Pieces)
				25MHz	100MHz	
RT-175-95-127-K5B	17.5	13	9.5	59	95	100
RT-175-95-135-K5B	17.5	14	9.5	63	115	100
RT-175-95-150-K5B	17.5	15	9.5	70	113	112
RT-175-107-80-K5B	17.5	8	10.7	33	60	200
RT-180-100-60-K5B	18	6	10	31	55	200
RT-180-100-100-K5B	18	10	10	47	77	200
RT-180-100-150-K5B	18	15	10	69	123	100
RT-187-102-143-K5B	18.67	14.27	10.16	70	119	100
RT-187-102-170-K5B	18.67	17.02	10.16	75	125	100
RT-190-100-100-K5B	19	10	10	54	102	100
RT-190-120-80-K5B	19	8	12	32	72	200
RT-190-120-100-K5B	19	10	12	37	78	100
RT-200-100-50-K5B	20	5	10	28	68	140
RT-200-100-80-K5B	20	8	10	38	62	100
RT-200-100-100-K5B	20	10	10	50	82	100
RT-200-120-100-K5B	20	10	12	40	68	84
RT-205-102-100-K5B	20.5	10	10.2	53	86	80
RT-212-127-60-K5B	21.2	6	12.7	27	52	200
RT-220-135-64-K5B	22	6.35	13.5	28	53	200
RT-220-135-80-K5B	22	8	13.5	37	78	100
RT-220-140-65-K5B	22	7	14	28	68	84
RT-220-140-80-K5B	22	8	14	33	73	100
RT-220-140-100-K5B	22	10	14	42	90	84
RT-220-140-120-K5B	22	12	14	40	85	84
RT-221-137-127-K5B	22.1	12.7	13.72	48	83	100
RT-225-138-64-K5B	22.5	6.4	13.8	25	47	200
RT-225-138-127-K5B	22.5	12.7	13.8	46	71	50
RT-230-135-64-K5B	23	6.35	13.5	28	53	200
RT-236-114-140-K5B	23.6	14	11.4	80	133	60
RT-236-150-60-K5B	23.6	6	15	26	70	72
RT-236-150-114-K5B	23.6	11	15	43	85	100
RT-250-150-80-K5B	25	8	15	38	79	100
RT-250-150-100-K5B	25	10	15	44	87	50
RT-250-150-120-K5B	25	12	15	53	97	60
RT-250-150-150-K5B	25	15	15	61	105	60
RT-254-127-64-K5B	25.4	6.35	12.7	39	80	100
RT-259-128-213-K5B	25.91	21.3	12.8	106	174	40
RT-260-130-127-K5B	26	12.7	13	74	125	50
RT-280-160-75-K5B	28	7.5	16	33	59	100
RT-280-160-130-K5B	28	13	16	55	100	50
RT-280-160-170-K5B	28	17	16	71	120	50
RT-280-160-200-K5B	28	20	16	85	155	40
RT-290-190-75-K5B	29	7.50	19	26	70	100
RT-290-190-77-K5B	29	7.7	19	33	76	50
RT-290-190-138-K5B	29	13.8	19	46	94	40
RT-310-190-70-K5B	31	7	19	35	77	40
RT-310-190-80-K5B	31	8	19	30	55	40
RT-310-190-160-K5B	31	16	19	68	115	40
RT-310-190-222-K5B	31	22	19	88	146	32
RT-360-250-70-K5B	36	7	25	23	63	36
RT-360-250-127-K5B	36	13	25	39	84	24
RT-406-274-150-K5B	40.6	15	27.4	55	106	18
RT-594-348-128-K5B	59.4	12.8	34.8	58	118	10

Standard Pack sizes may vary

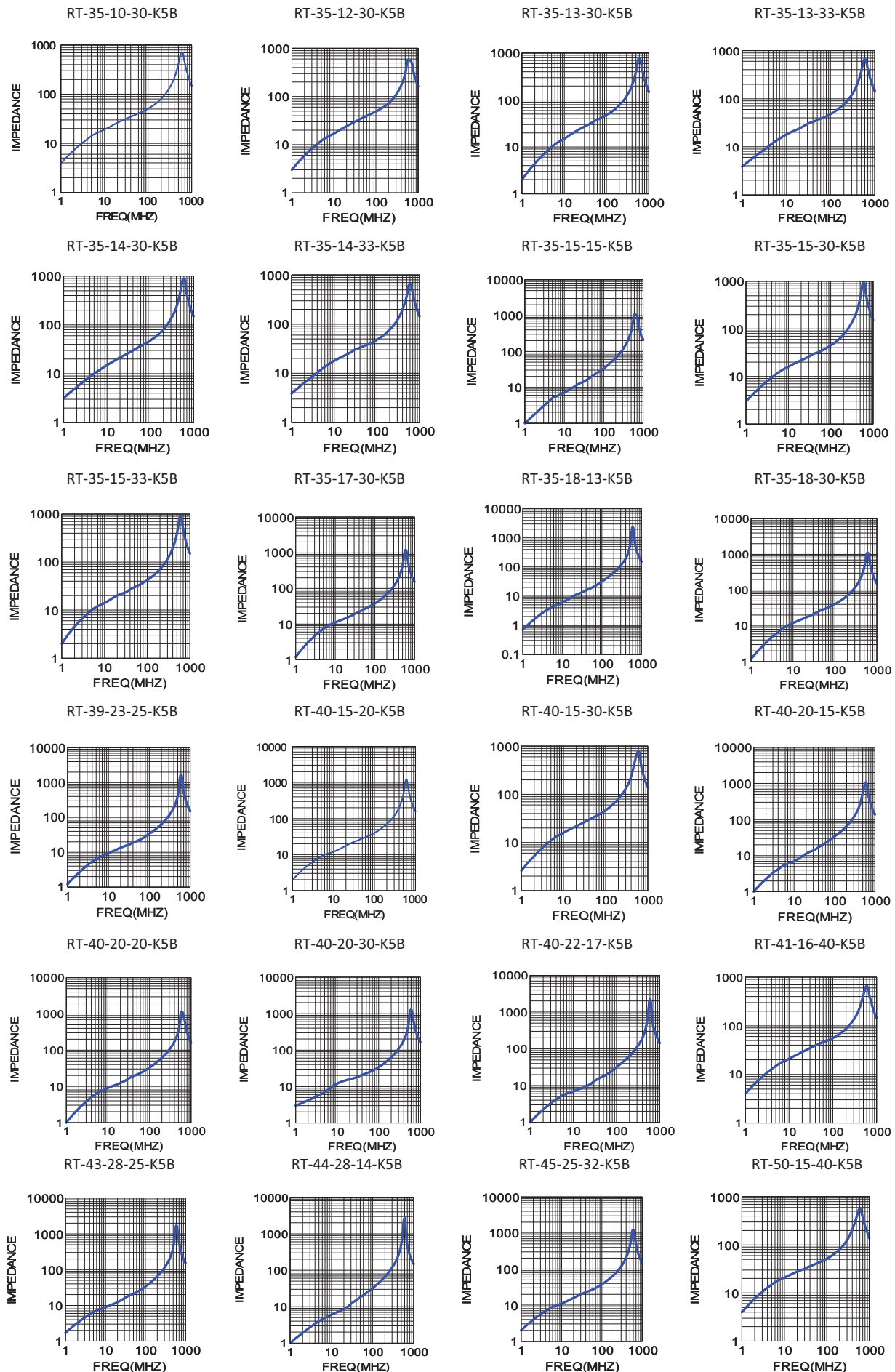


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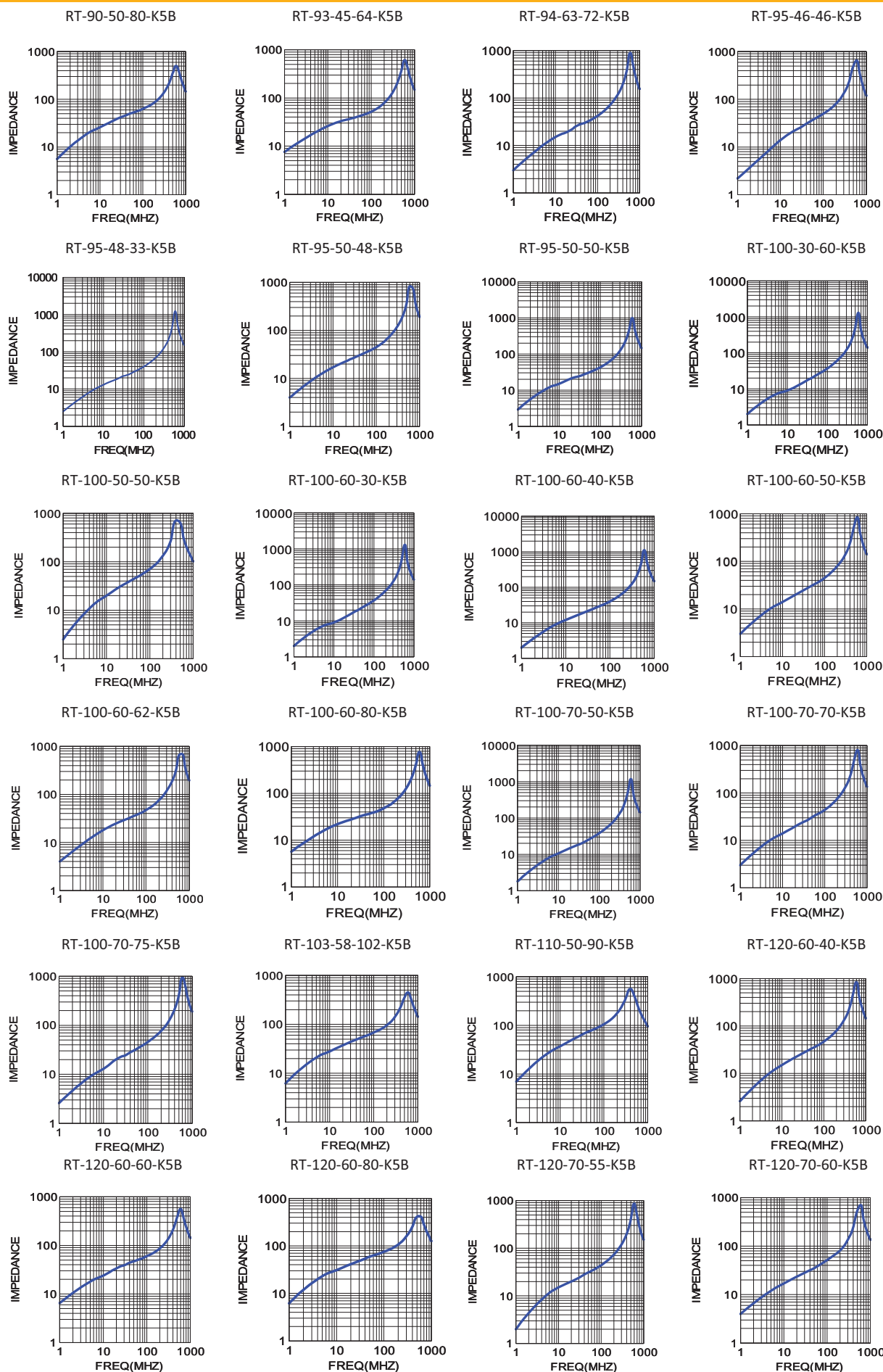


FERRITE CORES – SOLID FERRITE CORES



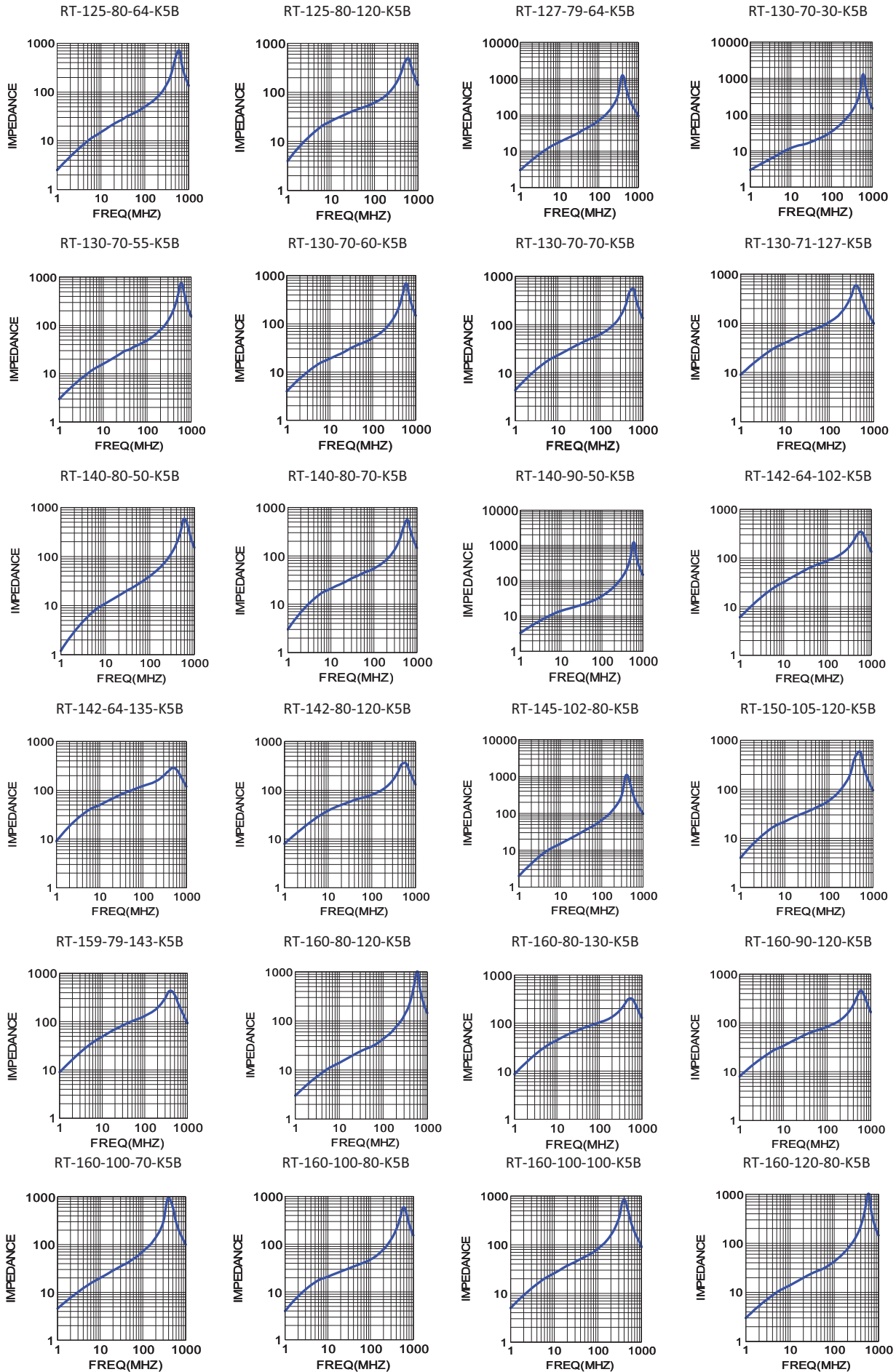
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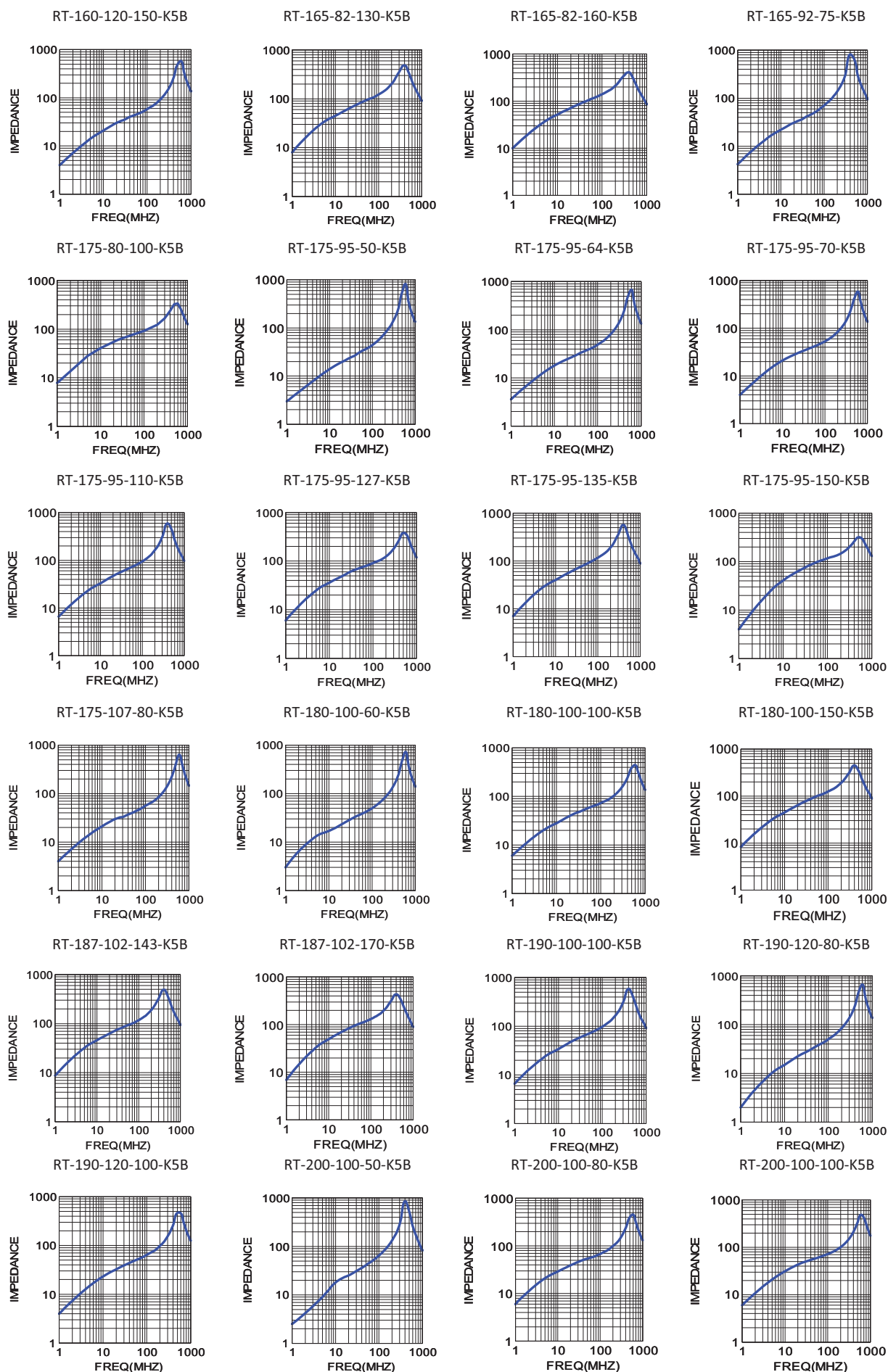
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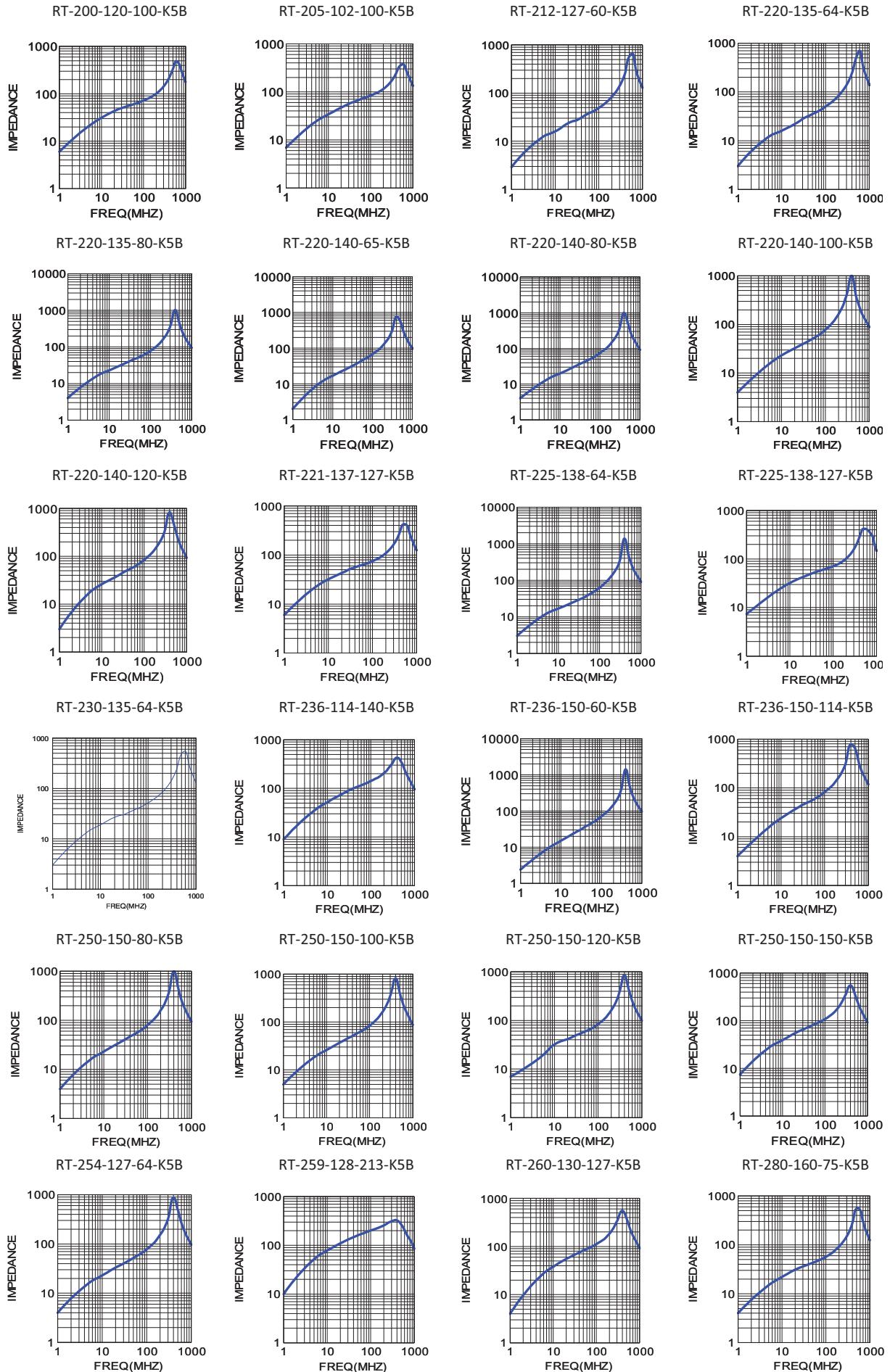
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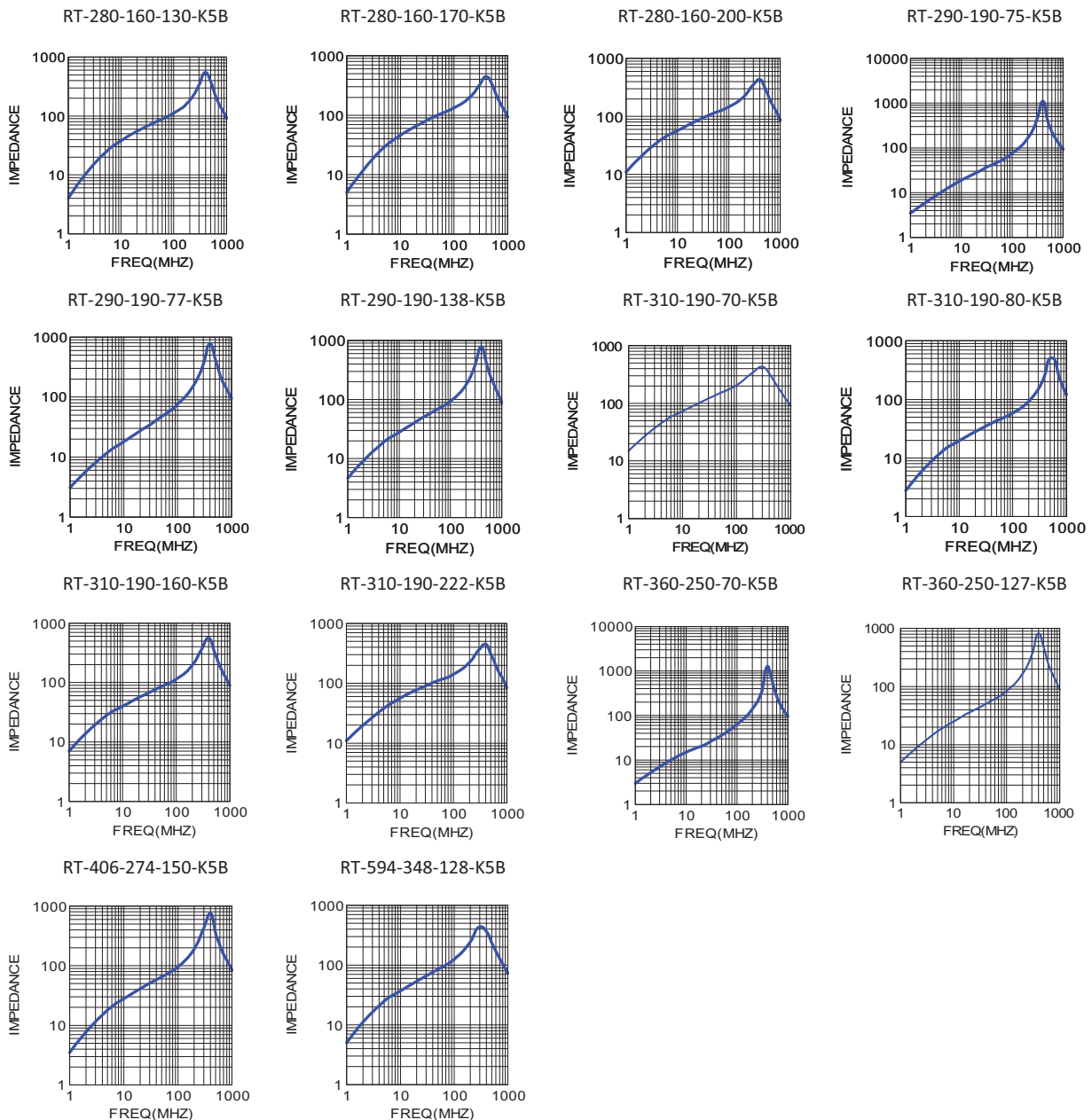
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FERRITE CORES — SOLID FERRITE CORES



Notes

FERRITE CORES – FLAT CABLE SUPPRESSION CORES

RFP

Ribbon Cable Split Cores

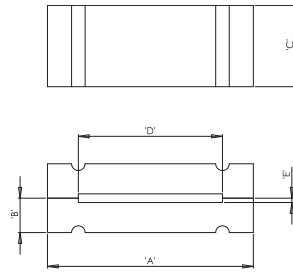
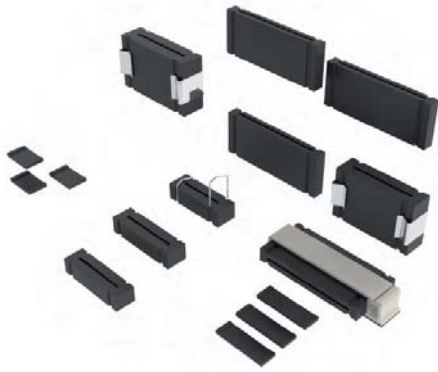


Fig. 1

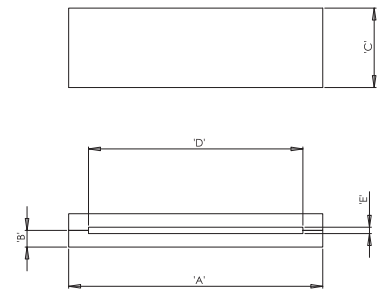
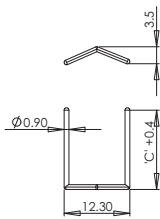
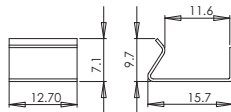


Fig. 2



Spring



Metal Clamp

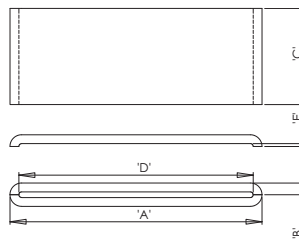


Fig. 3

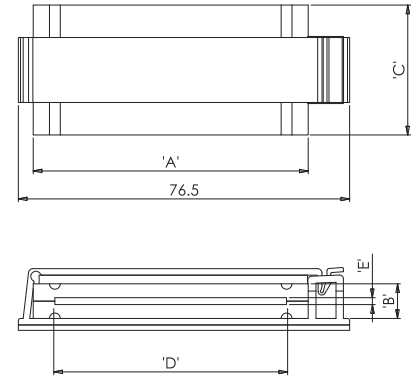


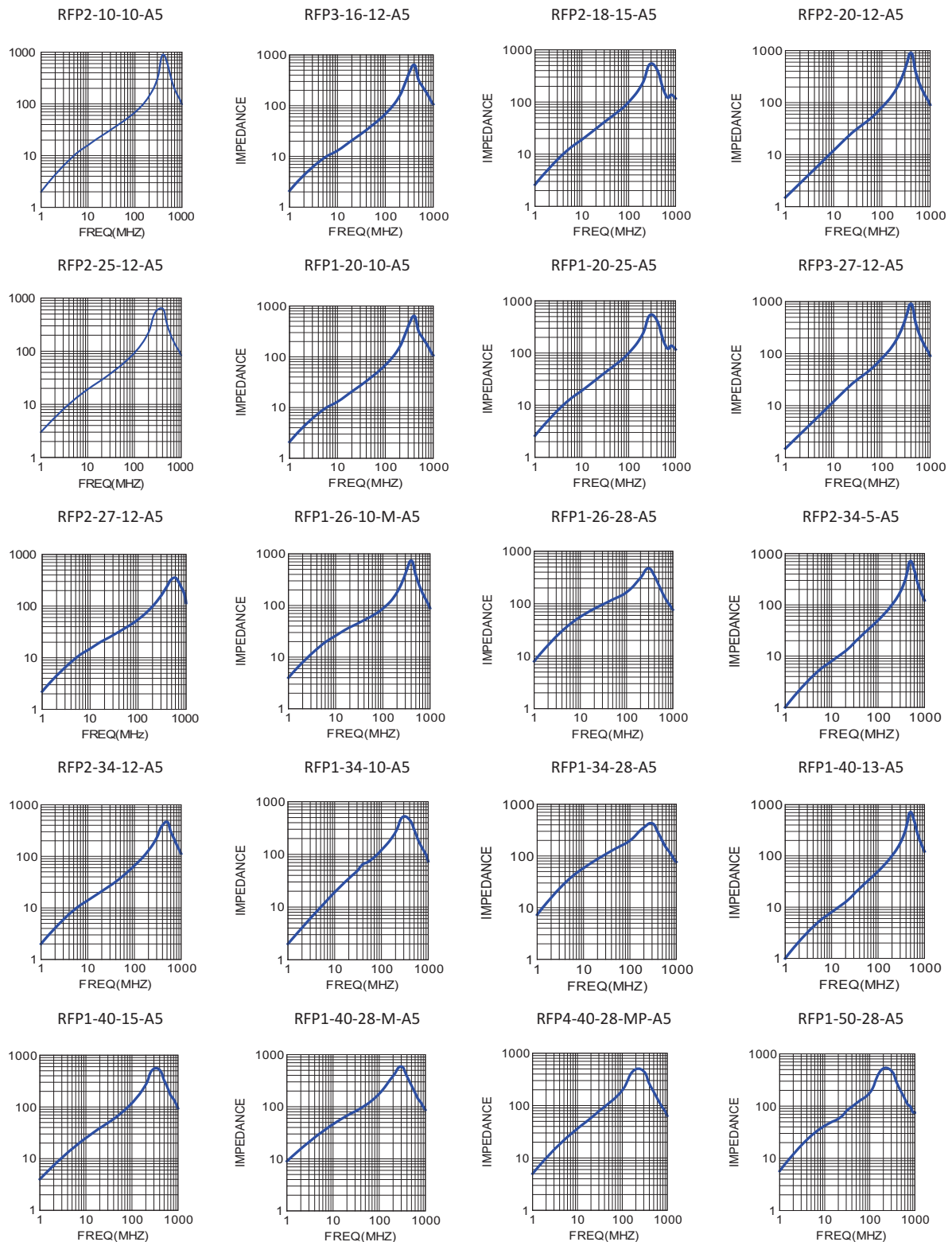
Fig. 4
with Adhesive Base

Ferrite Material: **A5 RMS-303** • Casing Material: Nylon 6/6. **RMS-244** • Metal Clamp & Spring: **RMS-305**

RFP	Fig.	Metal Clip or Spring	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Impedance(Ω)		Standard Pack (Pieces)
								25MHz	100MHz	
RFP2-10-10-A5	2	N/A	16.5	2	10.25	12.5	0.6	27	69	240
RFP3-16-12-A5	2	N/A	25	2.8	12	21	1.1	28	90	144
RFP2-18-15-A5	3	N/A	28.5	2.25	15	23.5	0.42	36	99	385
RFP2-20-12-A5	2	N/A	32	2.1	12	27	0.4	30	87	315
RFP2-25-12-A5	2	N/A	37.1	3.3	12.7	32	0.9	36	106	66
RFP1-20-10-A5	1	SPRING	38	6.35	10	26.6	0.8	45	107	60
RFP1-20-25-A5	1	METAL CLIP	38	6.35	25.4	26.6	0.8	105	175	15
RFP3-27-12-A5	3	N/A	40	2	12	35	0.5	16	73	72
RFP2-27-12-A5	2	N/A	40	3.25	12	35	0.55	27	66	72
RFP1-26-10-M-A5	1	SPRING	45	6.35	10	34.4	0.8	43	110	60
RFP1-26-28-A5	1	METAL CLIP	45	6.35	28.5	34.4	0.8	102	189	15
RFP2-34-5-A5	3	N/A	49.6	3.25	5	44	0.55	15	50	162
RFP2-34-12-A5	3	N/A	49.6	3.25	12	44	0.55	23	70	72
RFP1-34-10-A5	1	SPRING	55.1	6.35	10	43.7	0.8	36	104	40
RFP1-34-28-A5	1	METAL CLIP	55.1	6.35	28.5	43.7	0.8	80	181	10
RFP1-40-13-A5	1	SPRING	63.5	6.35	13	52	1.1	45	114	20
RFP1-40-15-A5	1	SPRING	63.5	6.35	15	52	0.8	50	124	20
RFP1-40-28-M-A5	1	METAL CLIP	63.5	6.35	28.5	52	0.8	77	172	10
RFP4-40-28-MP-A5	4	PLASTIC with adhesive base	63.5	12.7	28.5	52	1.6	77	172	16
RFP1-50-28-A5	1	METAL CLIP	76.2	6.35	28.5	65.3	0.85	70	200	10

Standard Pack sizes may vary

FERRITE CORES – FLAT CABLE SUPPRESSION CORES



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FERRITE CORES – FLAT CABLE SUPPRESSION CORES

RFS Flat Cable Sleeve Cores

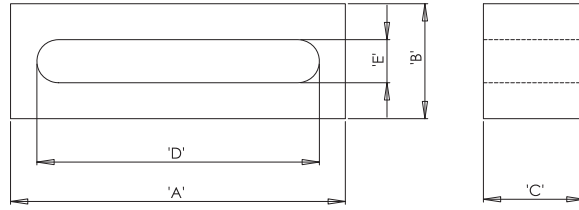


Fig. 1

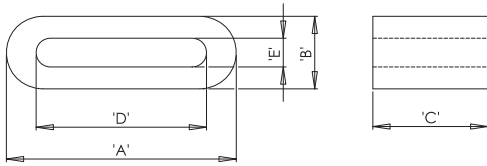


Fig. 2

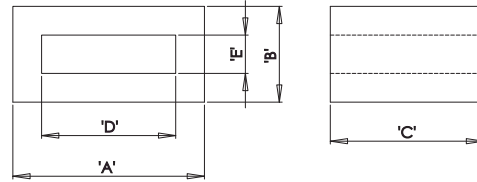


Fig. 3

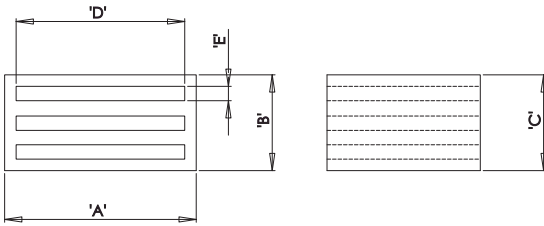


Fig. 4

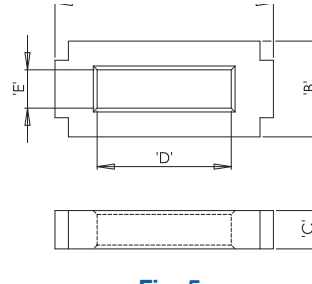


Fig. 5

Ferrite Material: A5-K5B RMS-303

RFS	Fig.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Impedance (Ω)		Standard Pack (Pieces)
							25MHz	100MHz	
RFS3-2-9-K5B	3	5	3	9	3	1	46	74	1000
RFS3-3-9-K5B	3	5.5	3	9	4	1.4	32	57	1000
RFS2-3-9-K5B	3	6.5	3.8	9	4	1.4	41	72	500
RFS3-4-9-A5	3	7.5	5.3	9	5	2.8	32	59	500
RFS3-4-12-A5	3	7.5	5.3	12	5	2.8	42	86	500
RFS2-5-8-A5	3	9.1	5.6	7.8	7.2	3.7	19	41	500
RFS3-5-12-A5	3	9.5	3	12	7.6	0.8	38	79	500
RFS3-6-3-A5	3	10	3.2	3	8	1	13	42	1000
RFS3-6-7-A5	3	10	3.2	7	8	1	25	65	1000
RFS1-6-8-A5	3	10	3.2	8	8	1	28	60	1000
RFS5-7-2-A5	5	13.84	3.94	1.88	9.78	1.52	10	32	2000
RFS2-8-12-A5	2	14.7	2.75	12	11	0.7	28	63	192
RFS2-9-5-A5	2	16	3	5	11.5	0.5	14	40	375
RFS2-9-8-3-A5	2	16	3	8	11.5	0.5	24	68	200
RFS2-9-4-A5	2	16	4	4	11.5	0.5	15	40	450
RFS2-9-6-A5	2	16	5	6	11.5	0.5	20	48	352
RFS2-9-8-A5	2	16	5	8	11.5	0.5	29	72	288
RFS2-9-12-A5	2	16	5	12	11.5	0.5	41	73	160
RFS2-9-12-2-A5	2	16	5	12	11.5	1.2	37	69	160

Standard Pack sizes may vary

PTO

FERRITE CORES – FLAT CABLE SUPPRESSION CORES

Ferrite Material: A5-K5B RMS-303									
RFS	Fig.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Impedance (Ω)		Standard Pack (Pieces)
							25MHz	100MHz	
RFS2-9-15-A5	2	16	5	15	11.5	0.5	50	90	144
RFS2-9-20-A5	2	16	5	20	11.5	0.5	60	120	126
RFS2-11-10-A5	2	18	5	8	14	1	45	164	252
RFS2-11-20-A5	2	18.9	6.5	20	14	1.8	61	123	84
RFS2-11-12-A5	2	19	6.5	12	14	1.8	38	62	144
RFS2-13-15-A5	2	20.5	3.5	15	16.5	0.8	36	97	126
RFS1-15-7-2-A5	1	23.3	2.5	7	20	0.9	14	41	240
RFS1-15-7-A5	1	23.3	3	7	20	0.9	17	45	240
RFS1-15-10-A5	1	23.3	3	10	20	0.9	18	47	168
RFS1-15-12-A5	1	23.3	3	12	20	0.9	23	58	144
RFS1-15-15-A5	1	23.3	3	15	20	0.9	24	59	108
RFS1-14-15-A5	1	23.8	3.2	15	18.7	1.1	27	77	120
RFS2-14-7-A5	2	23.8	6.3	7	18.7	1.1	21	47	240
RFS2-14-13-A5	2	23.8	6.3	12.5	18.7	1.1	46	96	120
RFS2-2-30-A5	2	24	12	30	15	4	120	191	48
RFS2-15-12-A5	2	24.5	5	12	20	0.5	35	70	144
RFS2-15-20-A5	2	24.5	5	20	20	0.5	41	78	84
RFS2-17-20-A5	2	25	3.7	20	22	0.7	43	114	56
RFS2-16-12-A5	2	25.5	3	12	21.5	0.65	27	87	132
RFS1-16-15-A5	1	25.5	4.5	15	21.5	0.65	39	110	144
RFS1-17-15-A5	1	25.5	5	15	21.5	0.65	48	126	108
RFS2-18-8-A5	2	28.5	6.5	8	23.5	0.8	28	65	170
RFS2-18-15-A5	2	28.5	6.5	15	23.5	1	44	91	90
RFS2-18-18-A5	2	28.5	6.5	18	23.5	1	55	127	80
RFS2-18-10-A5	2	28.6	7.7	10	23.5	1.7	31	71	140
RFS2-22-8-A5	2	31	3	8	27	1	13	42	160
RFS2-22-12-A5	2	31	3	12	27	1	19	56	110
RFS2-22-20-A5	2	31	4	20	27	0.7	42	121	60
RFS2-22-9-A5	2	31	5	9	27	1	29	88	150
RFS2-20-12-A5	2	31	5	12	27	1	28	75	110
RFS2-21-18-A5	2	31	5	18	27	1	34	94	70
RFS2-21-25-A5	2	32	4	25	27	0.7	51	142	36
RFS2-22-25-A5	2	32	6	25	28	0.85	59	146	36
RFS4-21-16-A5	4	32	11.8	16	27	1	76	188	80
RFS2-21-8-A5	2	33.5	6.5	8	27	1.3	21	53	136
RFS2-21-10-A5	2	33.5	6.5	10	27	1.3	26	57	84
RFS2-21-12-A5	2	33.5	6.5	12	27	1.3	30	66	70
RFS2-21-15-A5	2	33.5	6.5	15	27	1.3	36	78	72
RFS2-21-20-A5	2	33.5	6.5	20	27	1.3	58	149	56
RFS2-24-18-A5	2	36	6.5	18	31	0.6	52	147	64
RFS2-24-8-A5	2	36	7.5	8	31	1	29	79	48
RFS2-24-20-A5	2	36	7.5	20	31	1	54	122	32
RFS2-24-30-A5	2	36	7.5	30	31	1	72	174	32
RFS2-24-36-A5	2	36	7.5	36	31	1	92	192	24
RFS2-25-12-A5	2	36	5	12	32.4	0.8	29	88	96
RFS2-26-12-A5	2	38.5	4	12	35	0.8	25	68	72
RFS2-26-15-A5	2	38.5	4	15	35	0.8	31	100	56
RFS1-20-25-A5	1	38.53	12.06	25.4	26.77	1.9	100	180	30
RFS2-27-6-A5	2	40	6.5	6	35	1.3	16	45	144
RFS2-27-8-A5	2	40	6.5	8	35	1.3	23	58	96
RFS2-27-10-A5	2	40	6.5	10	35	1.3	25	64	84
RFS2-27-12-A5	2	40	6.5	12	35	1.3	28	69	72
RFS2-27-12-2-A5	2	40	6.5	12	35	2	24	59	72
RFS2-27-15-A5	2	40	6.5	15	35	1.3	32	85	54
RFS2-27-18-A5	2	40	6.5	18	35	1.3	36	98	48
RFS2-27-20-A5	2	40	6.5	20	35	1.3	41	105	42
RFS3-4-5-A5	3	40	11.4	5	32	7.4	12	36	96
RFS1-27-18-A5	1	41	12.5	18	34.4	1.5	60	136	24
RFS3-27-18-A5	3	45	12.7	18	35	1.8	51	114	42
Standard Pack sizes may vary									

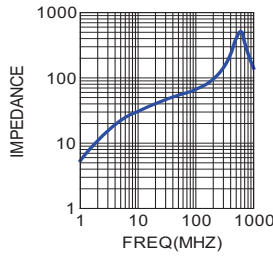
FERRITE CORES – FLAT CABLE SUPPRESSION CORES

Ferrite Material: **A5-K5B RMS-303**

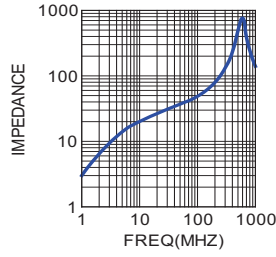
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							25MHz	100MHz	
RFS3-27-10-A5	3	45	12.7	10	35	1.8	39	89	48
RFS1-27-28-A5	1	45.1	12.5	28.5	34.4	1.5	95	195	24
RFS2-30-12-A5	2	45.2	6.5	12	40	1.3	27	70	72
RFS2-30-15-A5	2	45.2	6.5	15	40	1.3	31	70	54
RFS2-34-8-A5	2	49.6	6.5	8	44	1.3	17	50	96
RFS2-34-12-A5	2	49.6	6.5	12	44	1.3	25	66	72
RFS2-34-15-A5	2	49.6	6.5	15	44	1.3	31	94	54
RFS2-34-12-2-A5	2	49.6	7	12	44	1.8	25	66	66
RFS2-35-12-A5	2	50	6.5	12	44.9	1.4	23	62	72
RFS2-40-12-A5	2	57.6	6.5	12	52	1.3	25	75	48
RFS2-40-20-A5	2	58.6	7.5	20	52	1.3	43	119	30
RFS1-38-13-A5	1	60	12	12.7	48.5	2.2	40	95	30
RFS2-43-12-A5	2	60.6	6.50	12	55.2	1.3	28	92	48

Standard Pack sizes may vary

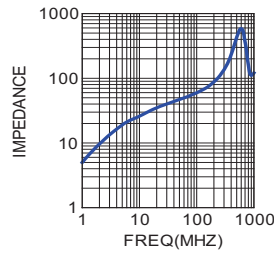
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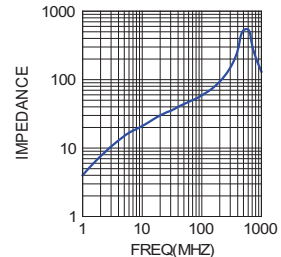
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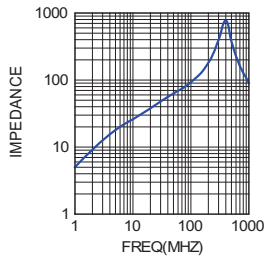
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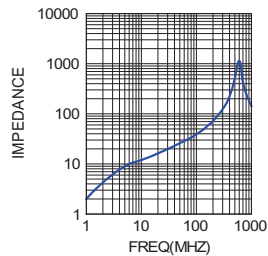
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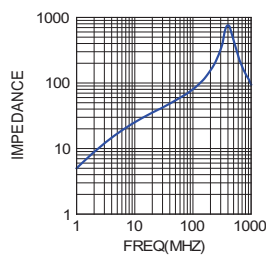
RFS3-4-12-A5



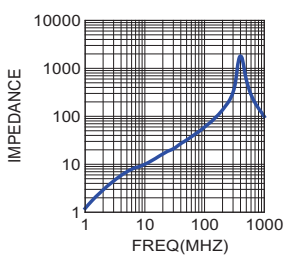
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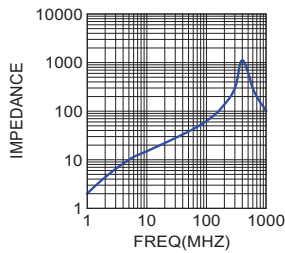
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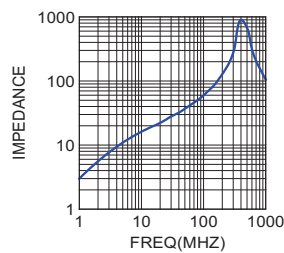
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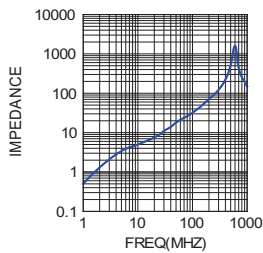
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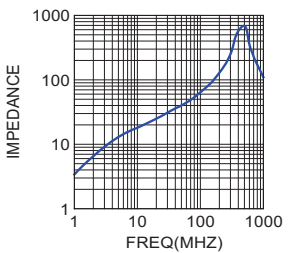
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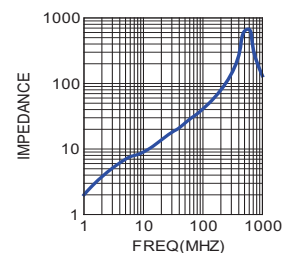
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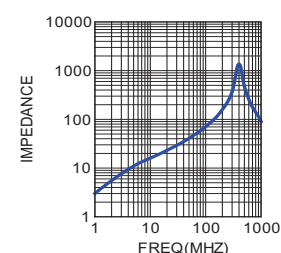
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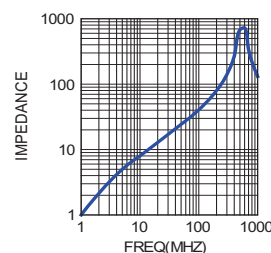
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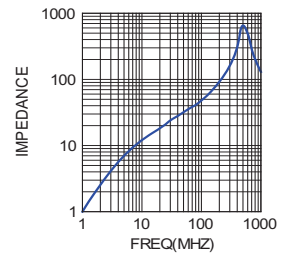
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RFS2-9-4-A5



RFS2-9-6-A5



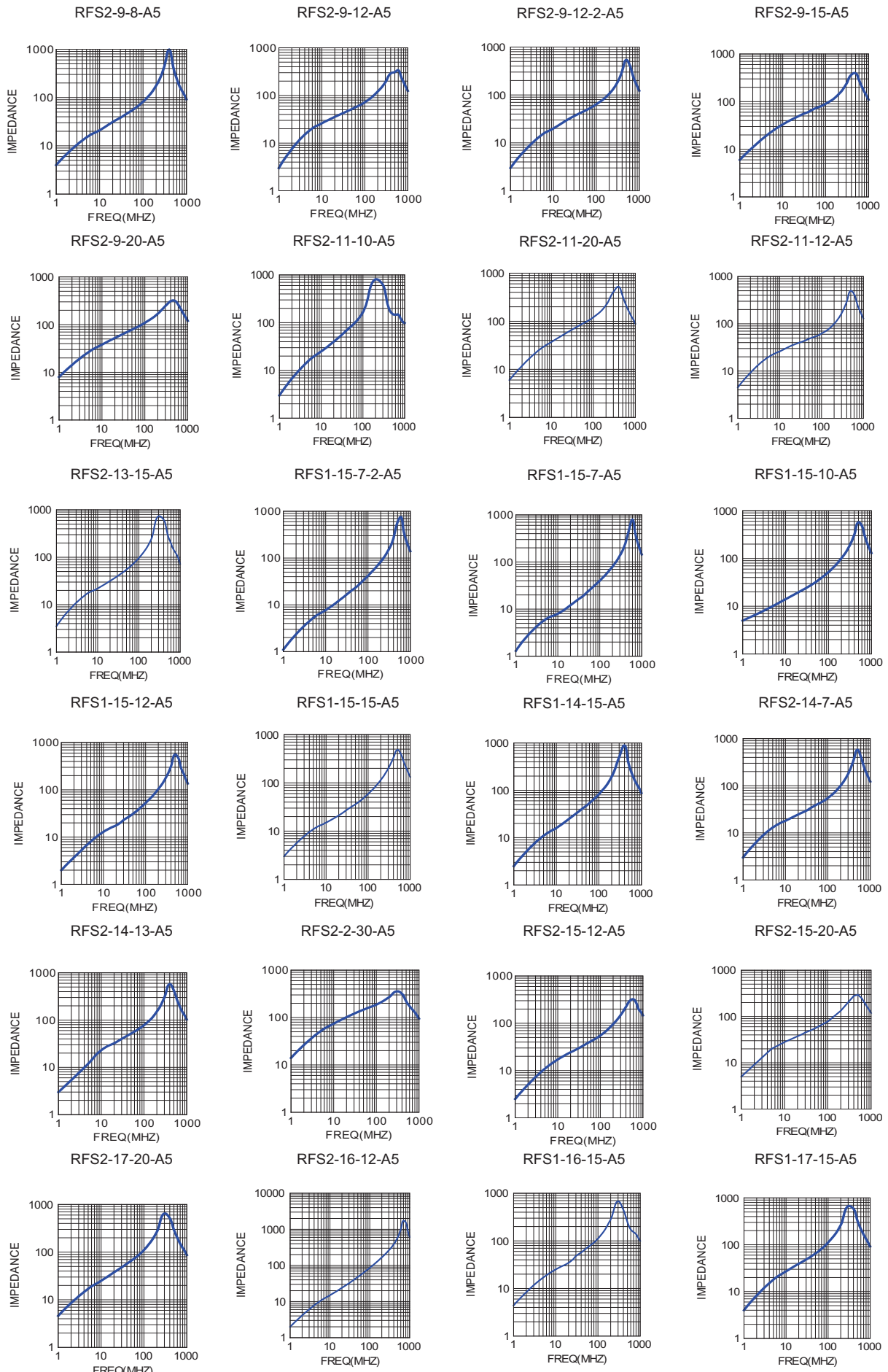
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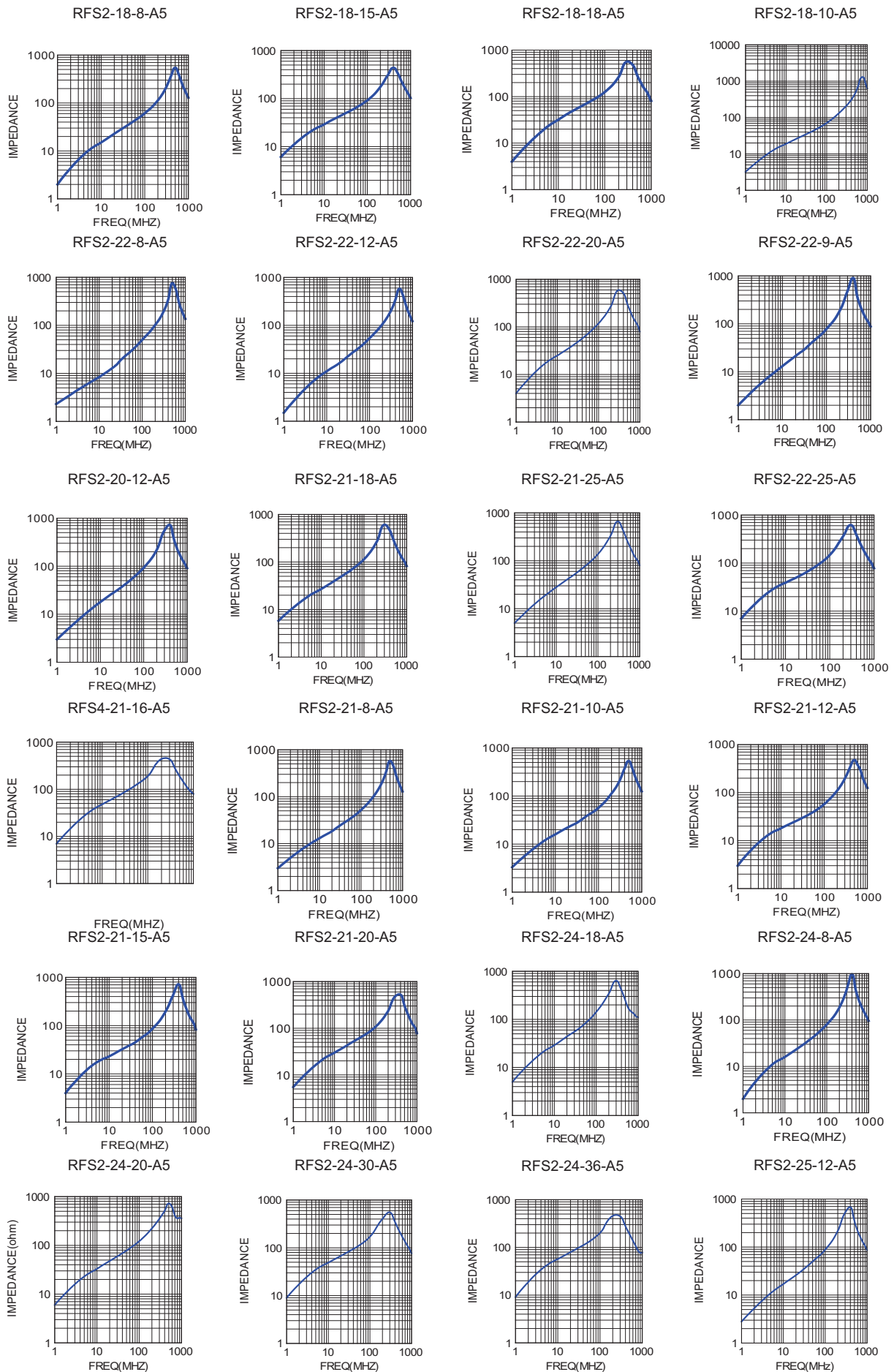


FERRITE CORES – FLAT CABLE SUPPRESSION CORES



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FERRITE CORES – FLAT CABLE SUPPRESSION CORES



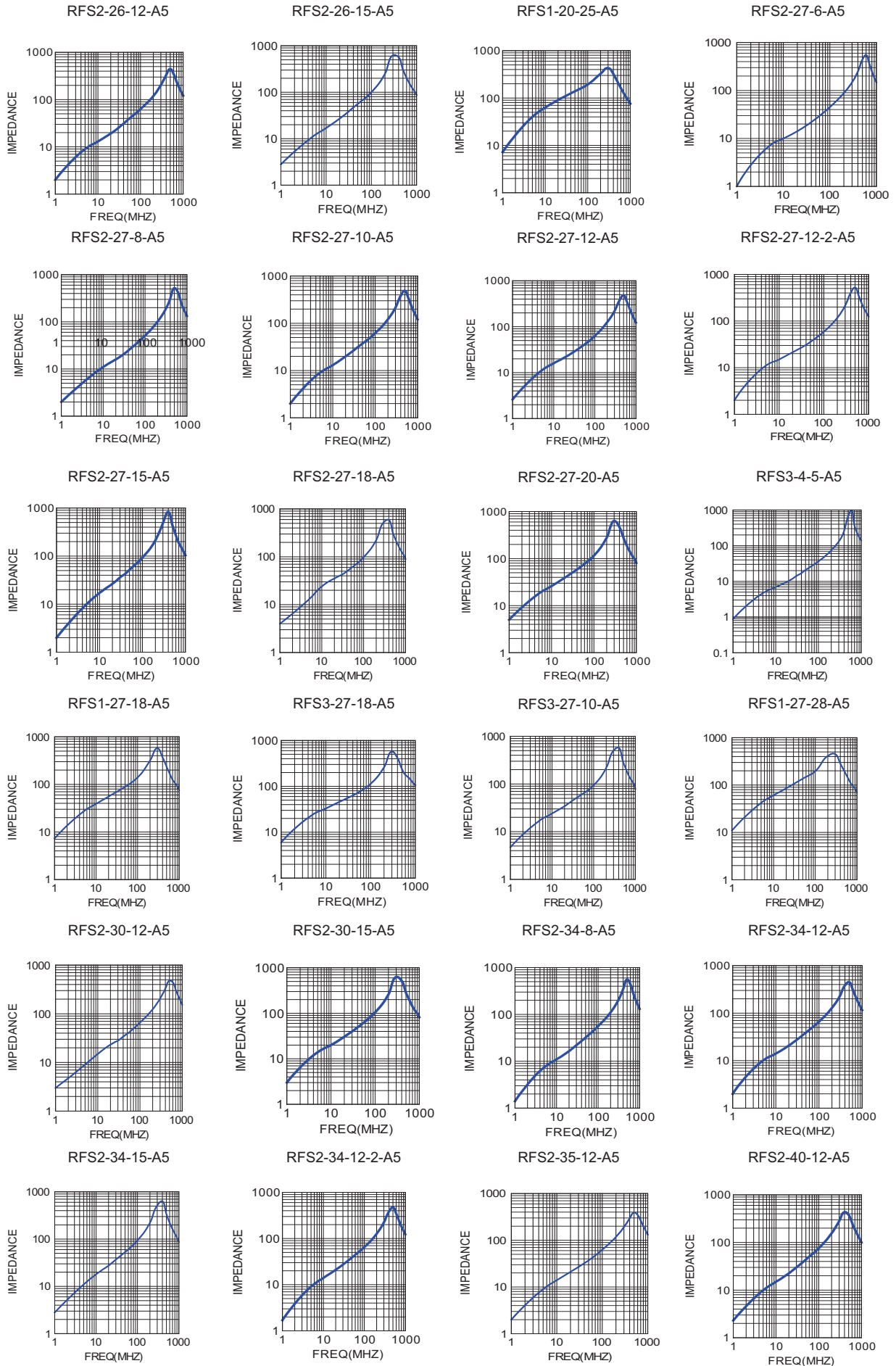
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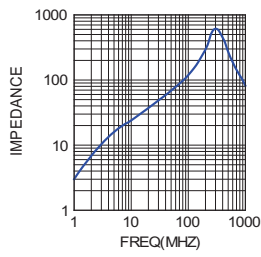
FERRITE CORES – FLAT CABLE SUPPRESSION CORES



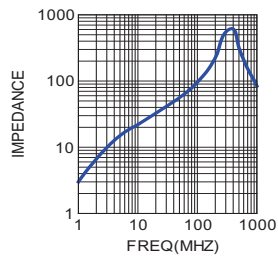
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FERRITE CORES – FLAT CABLE SUPPRESSION CORES

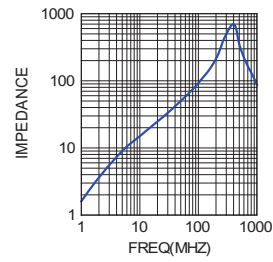
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RFS1-38-13-A5



RFS2-43-12-A5



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FERRITE CORES – CONNECTOR SUPPRESSOR ELEMENTS

RSH

Multiline Suppressor Beads

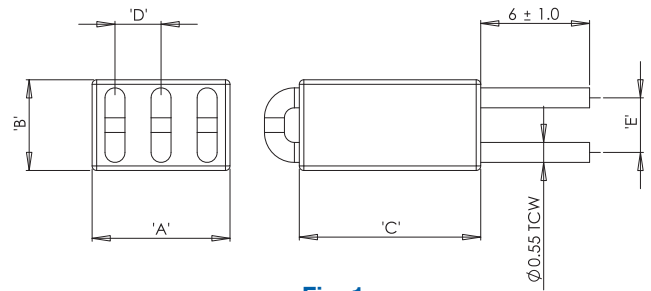
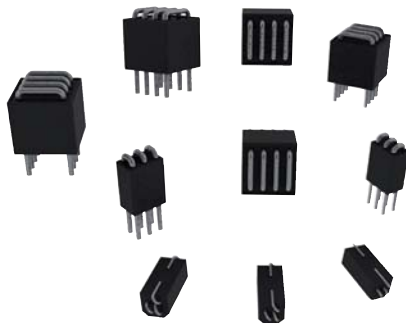


Fig. 1

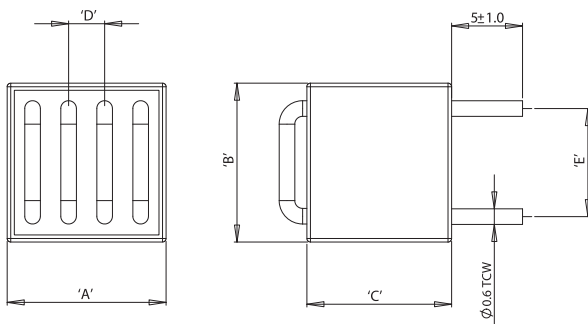


Fig. 2

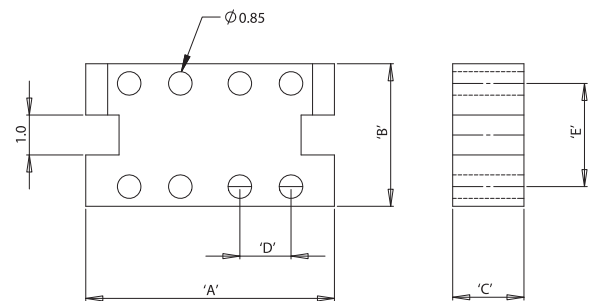


Fig. 3

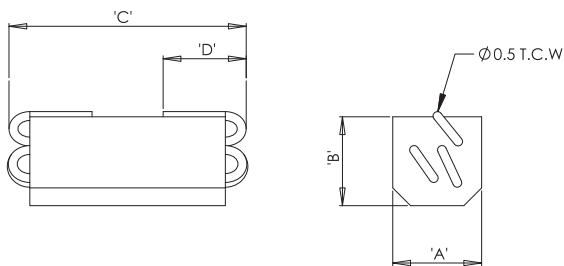


Fig. 4

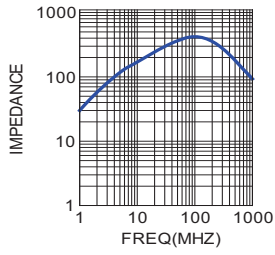
Ferrite Material: **A5 RMS-303** • Wire: **RMS-307** • Glue: **RMS-301**

RSH	Fig.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Impedance (Ω)		Standard Pack (Pieces)
							25MHz	100MHz	
RSH5-50-55-46-K5B	4	5	5	8	2	-	289	416	1000
RSH5-50-85-46-K5B	4	5	5	11	3.5	-	437	592	1000
RSH6-76-80-50-A5	1	7.6	5	8	2.54	2.54	119	189	200
RSH6-76-100-50-A5	1	7.6	5	10	2.54	2.54	171	263	200
RSH8-102-26-60-A5	3	10.6	6	2.6	2.54	2.54	48	73	1000
RSH8-112-102-112-A5	2	11.2	11.2	10.2	2.54	7.62	236	383	280

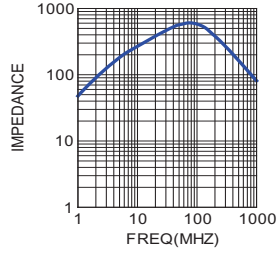
Standard Pack sizes may vary

FERRITE CORES – CONNECTOR SUPPRESSOR ELEMENTS

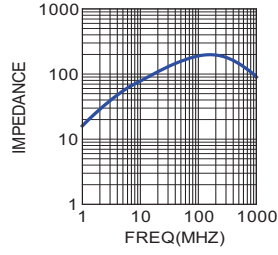
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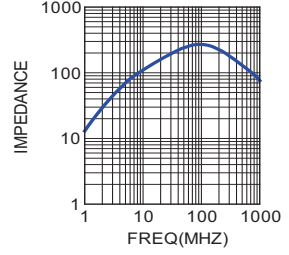
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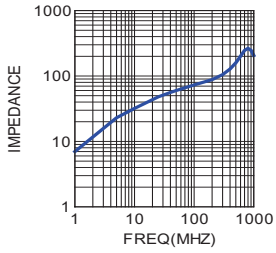
RSH6-76-80-50-A5



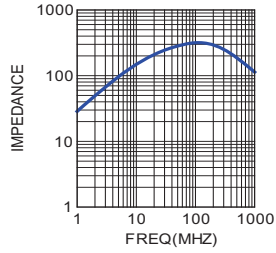
RSH6-76-100-50-A5



RSH8-102-26-60-A5



RSH8-112-102-112-A5



Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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FERRITE CORES – BEAD CORES, WIDE BAND CHOKE

RRHL Axial Type

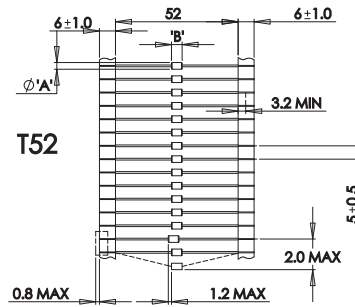
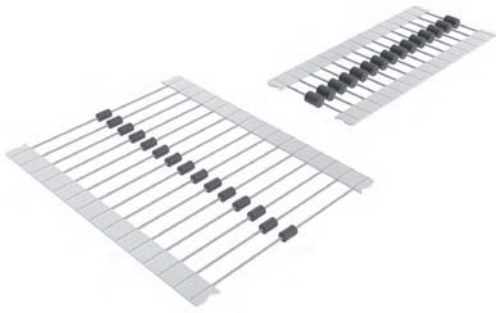


Fig. 1

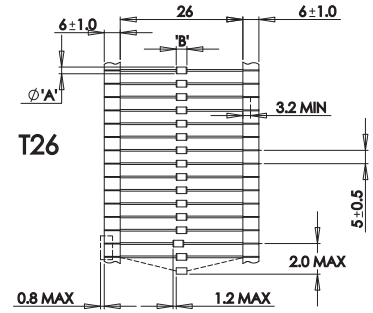
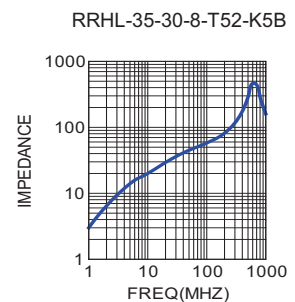
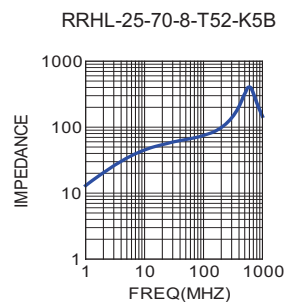
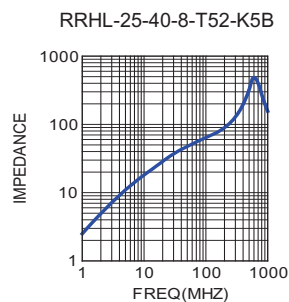
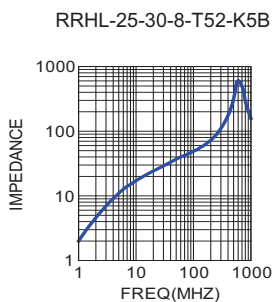


Fig. 2

Ferrite Material: **K5B RMS-303** • Glue **RMS-301** • Wire **RMS-308**

RRHL AXIAL	Fig.	A (mm)	B (mm)	Impedance (Ω)		Standard Pack (Pieces)
				25MHz	100MHz	
RRHL-25-30-8-T52-K5B	1	2.5	3	27	47	5000
RRHL-25-40-8-T52-K5B	1	2.5	4	32	51	5000
RRHL-25-70-8-T52-K5B	1	2.5	7	56	89	5000
RRHL-35-30-8-T52-K5B	1	3.5	3	33	59	5000
RRHL-35-32-8-T52-K5B	1	3.5	3.2	31	57	5000
RRHL-35-35-8-T52-K5B	1	3.5	3.5	37	63	5000
RRHL-35-45-8-T26-K5B	2	3.5	4.5	39	76	1000
RRHL-35-45-8-T52-K5B	1	3.5	4.5	47	76	5000
RRHL-35-47-8-T26-K5B	2	3.5	4.7	46	72	2000
RRHL-35-47-8-T52-K5B	1	3.5	4.7	49	79	5000
RRHL-35-50-8-T26-K5B	2	3.5	5	47	72	2000
RRHL-35-50-8-T52-K5B	1	3.5	5	50	85	5000
RRHL-35-60-8-T26-K5B	2	3.5	6	55	84	2000
RRHL-35-60-8-T52-K5B	1	3.5	6	57	84	5000
RRHL-35-67-8-T52-K5B	1	3.5	6.7	65	99	5000
RRHL-35-75-8-T52-K5B	1	3.5	7.5	68	113	5000
RRHL-35-80-8-T26-K5B	2	3.5	8	70	125	1000
RRHL-35-80-8-T52-K5B	1	3.5	8	88	138	5000
RRHL-35-83-8-T52-K5B	1	3.5	8.3	74	131	5000
RRHL-35-90-8-T26-K5B	2	3.5	9	85	150	1000
RRHL-35-90-8-T52-K5B	1	3.5	9	92	140	5000
RRHL-35-95-8-T52-K5B	1	3.5	9.5	92	141	5000
RRHL-35-100-8-T52-K5B	1	3.5	10	99	157	5000
RRHL-35-114-8-T52-K5B	1	3.5	11.4	105	165	5000
RRHL-35-140-8-T52-K5B	1	3.5	14	144	212	5000

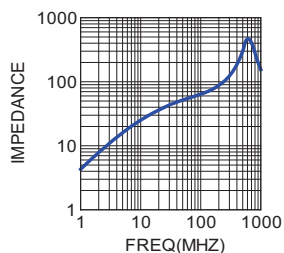
Standard Pack sizes may vary



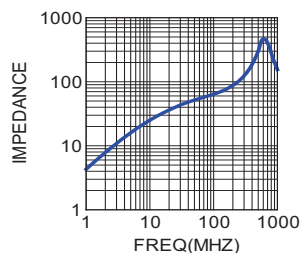
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FERRITE CORES – BEAD CORES, WIDE BAND CHOKE

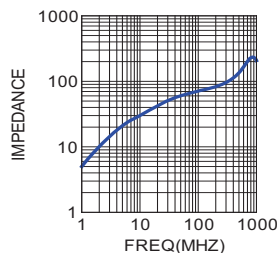
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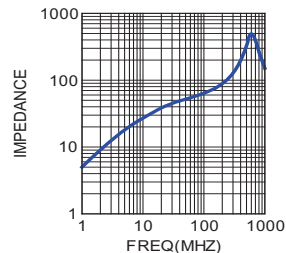
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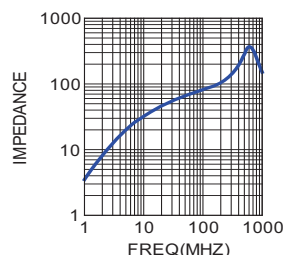
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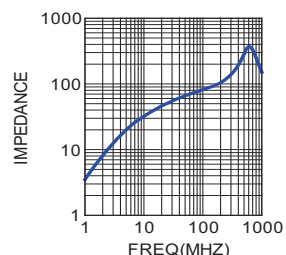
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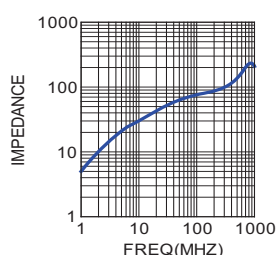
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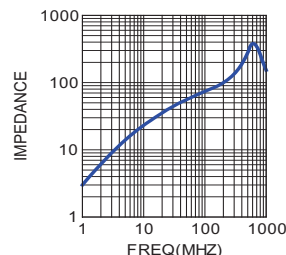
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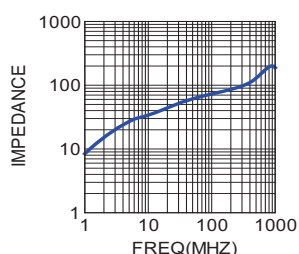
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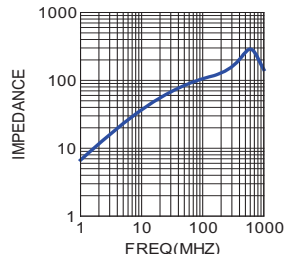
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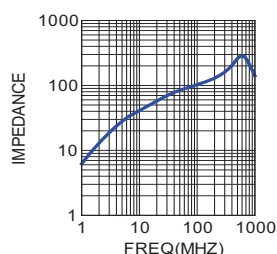
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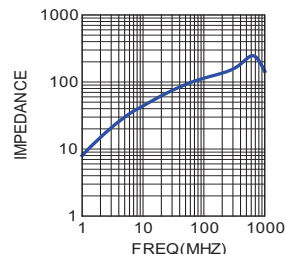
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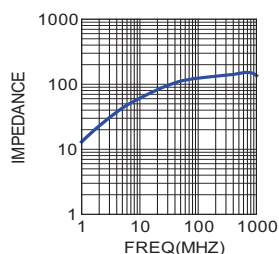
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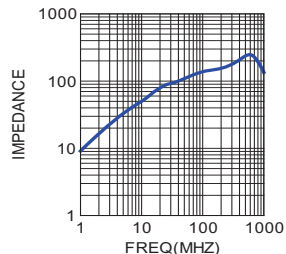
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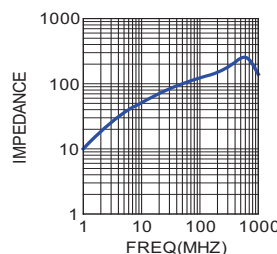
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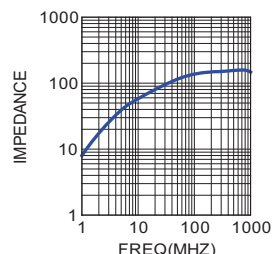
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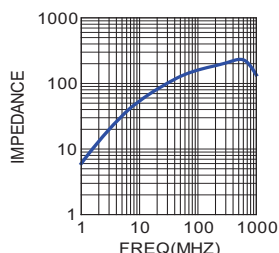
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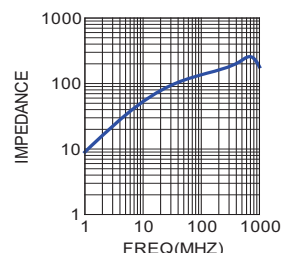
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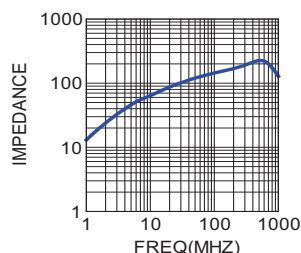
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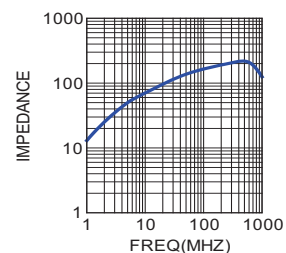
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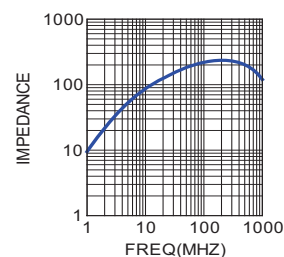
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RRHL-35-114-8-T52-K5B



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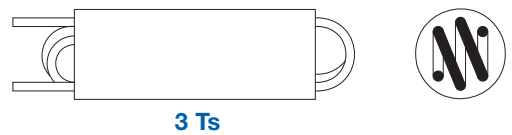
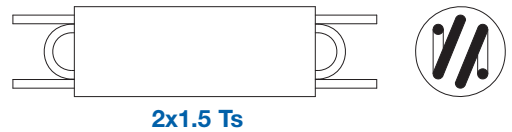
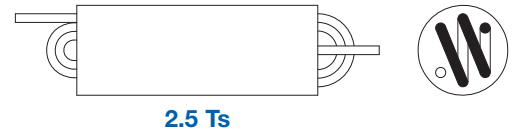
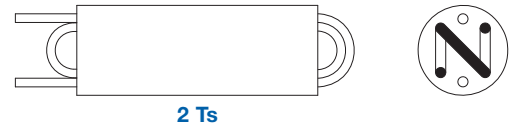
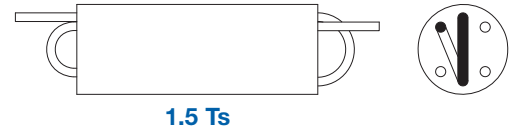
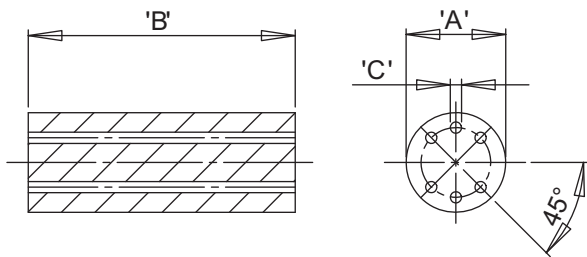
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FERRITE CORES – BEAD CORES, WIDE BAND CHOKE

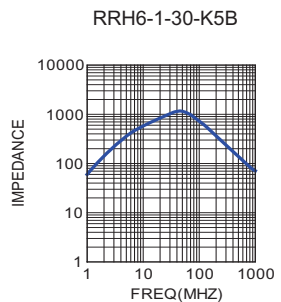
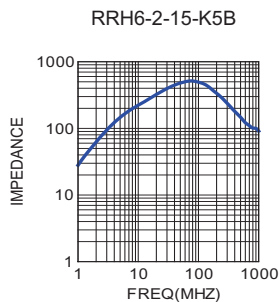
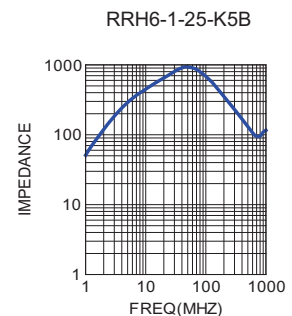
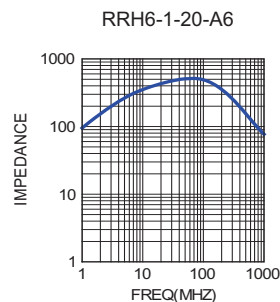
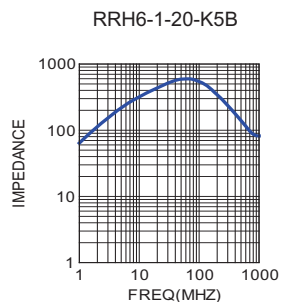
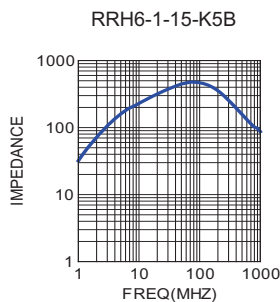
RRH6 Wound Beads



Ferrite Material: **K5B - A6 RMS-303** • Glue **RMS-301** • Wires **RMS-306**

RRH6 & RRH8	A (mm)	B (mm)	C (mm)	Impedance (Ω)		Standard Pack (Pieces)	Number of Turns
				25MHz	100MHz		
RRH6-1-15-K5B	6	10	0.85	390	460	500	1.5
RRH6-1-20-K5B	6	10	0.85	510	580	500	2
RRH6-1-20-A6	6	10	0.85	450	486	500	2
RRH6-1-25-K5B	6	10	0.85	690	680	500	2.5
RRH6-2-15-K5B	6	10	0.85	340	450	500	2*1.5
RRH6-1-30-K5B	6	10	0.85	860	750	500	3

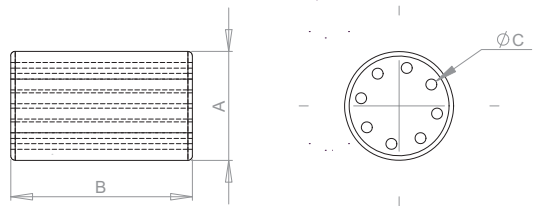
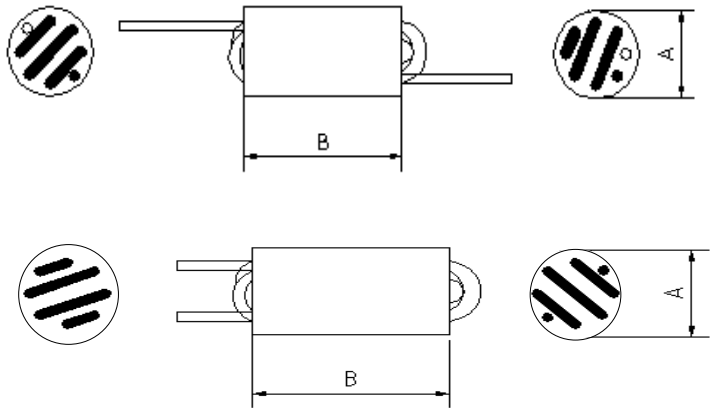
Standard Pack sizes may vary



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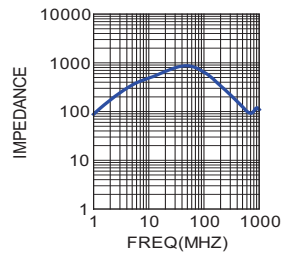
FERRITE CORES – BEAD CORES, WIDE BAND CHOKE, PLATE CORE

RRH8
Wound Beads

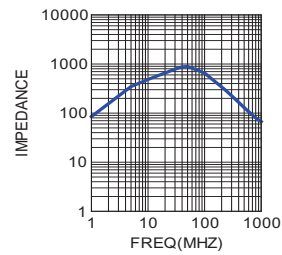


Ferrite Material: K5B RMS-303 • Glue RMS-301 • Wires RMS-306							
RRH8	A (mm)	B (mm)	C (mm)	Impedance (Ω)		Standard Pack (Pieces)	Number of Turns
				25MHz	100MHz		
RRH8-2-35-K5B	5.2	10	0.85	726	667	500	3.5
RRH8-2-40-K5B	5.2	10	0.85	754	680	500	4
Standard Pack sizes may vary							

RRH8-2-35-K5B



RRH8-2-40-K5B



Notes

RMS SPECIFICATIONS

Raw Material Information

UL® File Number & UL® Yellow Cards

Underwriter's Laboratories Inc. (UL®), plastics classification number is used to describe the performance of the material. Tests conducted by UL® may include the determination of material flammability (burning characteristics), ignition characteristics from various thermal and electrical sources, electrical tracking and other electrical characteristics, physical and mechanical characteristics, and analytical tests. In addition, the effect of long-term exposure to elevated temperature (air-oven aging), water, ultraviolet light, cold, etc. on property-retention may be evaluated.

For more information and to download the UL® Yellow Card for a Richco product, please visit www.ul.com and click on "Certifications".

UL® Flame Rating

UL94 classifications V0, V1, V2, and HB describe the flame retardancy levels for a given resin. V0 rated resins typically have the highest flame resistance followed by V1, V2, and HB.

For more information on UL® Flame Ratings and the Vertical Burn Test, please visit www.ul.com.

Material Operating Temperatures

The Material Temperature Ranges shown in the RMS Table are based on datasheets from the respective resin manufacturers and/or UL® RTI values. The values shown are for reference only to assist in material selection for your application. As each resin manufacturer uses different methods to evaluate the performance of their resins, the temperature ranges shown cannot necessarily be used to compare materials directly.

Adhesive Tape Usage Guidelines

Loads & Product Usage Guidelines

Long-term maximum product application loads generally should not exceed 0.25 psi. The surface area of contact is very critical for bond strength, so the amount of tape used should be maximized based on the application. In general, the tensile strength of the adhesive is higher than the peel or shear strength, so the product should be designed to be loaded in tension whenever possible.

Nylon & Adhesive Shelf Life

If products are kept under the Ideal Storage Conditions above, shelf life is 1 year from date of shipment.

Temperature Considerations

Ideal application temperature for most Richco adhesives is 70° - 100°F (21° - 38°C). Lower application temperatures should be avoided as the adhesive will be too firm and may not 'wet out' sufficiently. Operating temperatures of Richco adhesives are shown in the RMS table.

Application Guide

Surface Condition: The bonding surfaces must be clean, uniform, dry and free of condensation. Do not use on fabric, coarse concrete, loose paint, or rough, loose surfaces.

Surface Preparation: For maximum performance, clean the mounting surfaces with a cleaning solvent such as a 50/50 mixture of isopropyl alcohol and water. Be sure to follow the solvent manufacturer's directions for use. Some surfaces may require a sealant or primer to achieve the desired bonding. Test the product on your actual application.

Application pressure: Remove the release liner being very careful not to touch the adhesive surface and then quickly and firmly rub the product into place. Firm pressure is needed to ensure full contact and to allow the adhesive to fully wet-out on the mating surfaces.

Dwell Time: The bond strength is affected by the substrate surface, application temperature and dwell time. At room temperature approximately half of the bond strength will be obtained within the first half hour with the majority of the strength achieved within 24 hours. Therefore, whenever possible wait 24 hours before applying load.

Acrylic vs. rubber based adhesives: In general, rubber based adhesives offer higher initial tack whereas acrylic based adhesives maintain higher mechanical strength over time. One should evaluate the performance of the product on the actual end use application. Contact your local Richco representative for additional physical property and chemical resistance data.

Common Material Abbreviations

ABS = Acrylonitrile-butadiene-styrene	PPE/PS = Polyphenylene ether/polystyrene alloy
Acetal/POM = Polyacetal	PPE/SB = Polyphenylene ether/styrene-butadiene alloy
CPVC = Chlorinated polyvinyl chloride	PPS = Polyphenylene sulfide
EPDM = Ethylene-propylene-diene-monomer	PS = Polystyrene
HDPE = High density polyethylene	PSU = Polysulfone
HIPS = High impact polystyrene	PU = Polyurethane
LCP = Liquid Crystal Polymer	PVC = Polyvinyl chloride
LDPE = Low density polyethylene	PVDF = Polyvinylidene fluoride
Nitrile Rubber = Acrylonitrile rubber	SEBS = Styrene-ethylene butylene-styrene block copolymer
Nylon = Polyamide (PA)	SIR = Silicone molding compound
PBT = Polybutylene terephthalate	TPE = Thermoplastic elastomer
PC = Polycarbonate	TPR = Thermoplastic rubber
PE = Polyethylene	
PEI = Polyether imide	
PP = Polypropylene	

An asterisk(*) indicates data was not available at time of publication. Please see our website or contact your local Richco Representative for the necessary documentation.

RAW MATERIAL SPECIFICATION/DISCLAIMER OF WARRANTY: These Raw Material Specifications shall not be construed as creating an express warranty of description. The specifications are approximate and intended to serve only as guides and not as the basis of any sale, agreement or contract of goods sold by Richco, Inc. Richco, Incorporated reserves the right to change the raw material on any of its goods contained in this catalog without notice to any buyer. Further, these Raw Material Specifications have been provided by the manufacturer and Richco, Inc. does not warrant their accuracy.

MATERIAL SPECIFICATIONS (RMS)

RMS No.	Material Description	UL File No.	UL Flame Rating	RoHS Compliance	Material Temperature Range					
					°C			°F		
244	Nylon 66	E41938	V-2	Y	-40	-	85	-40	-	185
301	Epoxy Glue	NO U.L.	Not rated	Y	-	-	-	-	-	-
303	Ferrite Core	NO U.L.	Not rated	Y	-	-	-	-	-	-
305	Stainless Steel	NO U.L.	Not rated	Exempt	-	-	-	-	-	-
306	Tin Coated Copper Wire	NO U.L.	Not rated	Y	-	-	-	-	-	-
307	Tin Coated Copper Wire	NO U.L.	Not rated	Y	-	-	-	-	-	-
308	Tin Coated Copper Wire	NO U.L.	Not rated	Y	-	-	-	-	-	-

FERRITE STANDARD CHARACTERISTICS MATERIALS

Ferrite Standard Characteristics Materials					
Property	Initial Permeability	Curie Temperature	Specific Gravity	Loss Factor @FREQUENCY	Temp. Coef. of Initial Permeability 20~70 °C
Unit		°C	g/cm ³	10 ⁻⁴ MHz	10 ⁻⁴ °C
Symbol	μ i	T _c	d	1/μ iQ	a μ i r
A6	1800±25%	>100	4.7	75 (0.5)	0-3
A5	1000±25%	>130	4.8	280 (1.0)	2-5
K5B	700±25%	>140	4.8	250 (1.0)	0-7
K2A	350±25%	>150	4.7	60 (2.0)	15-40
K3A	300±25%	>150	4.7	100 (2.0)	4-12
A17	300±25%	>300	4.6	90 (5.0)	0-7
A78	300±25%	>150	4.7	60 (2.0)	15-40
K1C	250±25%	>200	4.7	110 (2.0)	3-10
A8	200±25%	>250	4.7	35 (7.0)	19-32
A3	100±25%	>300	4.4	160 (20)	55-130
K8B	55±25%	>300	4.7	400 (20)	5-15
- Permeability: The permeability of a magnetic core material is the core material's ability to concentrate lines of magnetic flux					
- Curie Temperature: The temperature above which a ferrite core loses its magnetic properties.					

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Please note that all the parts listed in our catalog are also available by special order with different ferrite material.

Notes

[illegible]

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INTERNATIONAL PARTNERS/DISTRIBUTORS

	Country	Company	Region	Contact
	Australia	Soanar (Hagemayer Co.)	Lidcombe, NSW	www.soanar.com.au
	Australia	Soanar (Hagemayer Co.)	East Perth, WA	www.soanar.com.au
	Australia	Soanar (Hagemayer Co.)	Croydon, Victoria	www.soanar.com.au
	Austria	Fischer Elektronik GMBH	Wien	www.fischerelektronik.at
	Belarus	Symmetron Group	Minsk	www.symmetron.ru
	Belarus	FEK Company	Minsk	www.fek.by
	Bulgaria	Vestek Ltd.	Sofia	Vestek2@tea.bg
	Denmark	Thorkild Larsen A/S	Slangerup	www.thorkild-larsen.dk
	Greece	Electrotrust Sa	Kessariani	www.electrotrust.gr
	Hungary	Biotek Kft	Budapest	www.biotek.hu
	India	Le Champ (SEA) Pte Ltd	Mumbai	sales@lechamp.com.sg
	India	LPS Bossard Pvt Ltd	Haryana	india@bossard.com
	Indonesia	PT. Kyoei Denki	Cikarang, Bekasi	www.kyoei-denki.com
	Ireland	A P Haslam Ltd	Dublin	www.aphaslam.ie
	Ireland	QEF Global	Cork, Dublin, Antrim, Northern Ireland	www.qefglobal.com
	Israel	Bruno International Ltd.	Bney Berak	www.brunocorp.co.il
	New Zealand	Soanar (Hagemayer Co.)	Manukau City, Auckland	www.soanar.com.au
	Norway	Molex G Knutsen AS	Oslo	www.molex.com
	Philippines	Kyoei Denki (S) Pte Ltd	Pasig City	www.kyoei-denki.com
	Poland	TME	Łódź	www.tme.pl
	Poland	IP Kontakt	Łódź	www.ipkontakt.pl
	Romania	SC Viprotec SRL	Barlad	www.viprotec.ro
	Russia	Symmetron Group	Moscow	www.symmetron.ru
	Russia	Symmetron Group	St.Petersburg	www.symmetron.ru
	Russia	Symmetron Group	Novosibirsk	www.symmetron.ru
	Saudi Arabia	Peninsula's Tasks	Al-Khobar	Tel: (966) 3 895 5045
	Slovenia	SM Elektronika d.o.o.	Smlednik	www.sm-elektronika.si
	South Africa	Electrocomp (Pty) Ltd	Bramley	cbrand@electrocomp.co.za
	Switzerland	Dietrich + Blum AG	Wallisellen	www.dietrichundblum.ch
	Turkey	Saytek Elektronik A.S.	Nisantasi, Istanbul	www.saytekelektronik.com
	Ukraine	Symmetron Group	Kiev	www.symmetron.ru

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Split Ferrite Cores



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Solid Ferrite Cores

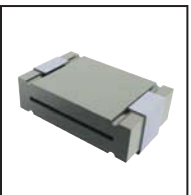


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Flat Cable Suppression Cores



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Connector Suppressor Elements



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Bead Cores, Wide Band Choke, Plate Core



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OTHER RICHCO CATALOGUES

Richco's Fastening Solutions catalogue contains over 25,000 references for circuit board hardware, fiber optic accessories and cable management parts. The product range includes:

- Rivets
- Fan Accessories
- Cable Ties
- Grommets Ferrites
- Motion Control Parts
- Bumpers and Feet
- Features thousands of plastic component solutions in stock
- Contains over 1000 new parts
- Full colour 3D models and product application graphics
- Thumbnail index for quick product identification
- Colour coded product sections for easy reference
- RoHS Compliance information
- Extensive material information, temperature ratings and environmental compliance data



ENGINEERING DESIGN KITS

The Richco FEDKN Kit is a valuable source for engineers for designing, prototyping and testing parts in applications. The FEDKN Kit contains split and solid ferrites for flat and ribbon cables as well as the solid round (toriod) ferrites for round cables.

FEDKN-003

Ferrite Split Core Eng Design Kit



FEDKN-005

Ferrite Solid Core Eng Design Kit



FEDKN-004

Ferrite Flat Cable Eng Design Kit

General Features

Split Ferrite Cores

These products are used as suppression cores for round cable and are available for a wide range of cable diameters. The A5 material cores are installed around a cable and attenuate any form of EMI emission. The nylon case makes the assembly of the core easily in equipment where retrofit and testing is a necessity. The split ferrite cores with plastic casing allows protection against unwanted EMI radiation in digital equipment such as personal computers, word processors, fax machines, display equipment, photocopiers and computer consoles. This protection ensures immunity against transmission and other types of noise in such equipment which is essential.

Solid Ferrite Cores

Bead cores are a broad selection of shielding beads that guarantee impedance specifications over a wide frequency range. The RRH series of bead cores mainly have applications on wire assemblies and the MATV CATV industries. The ring configuration of the RT series provides greater utilisation of the ferrite material properties. The RT type ferrite cores can be used for a wide frequency range and is mainly used as a multi-turn suppression core.

Flat Cable Suppression Cores

The family of Flat cable suppression cores are used to attenuate irradiated or conducted EMI noise on ribbon cables.

Connector Suppressor Elements

Multihole plates for connectors are special solutions used as EMI suppression devices (in connectors) to be assembled on a PCB. There is a wide selection of multihole for D sub-connectors as well as suppressor elements for DIL and transition elements. The RSH, multiple single turn printed circuit beads are available in four sizes. Beads are supplied with tin copper jumper wires, which complete the desired winding configuration on the printed circuit board. The jumper wires are oxygen free, high conductivity copper with a 95/5 tin coating.

Bead Cores

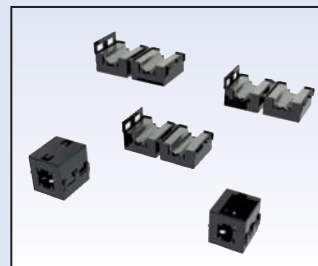
Ferrite bead cores are available in both axial and radial configurations. The bead cores Taped ferrite bead cores are available for "pick and place", or SMD manufacturing.

Wide Band Choke

Beads with six holes are available wound with tinned copper wire, in several winding configurations. The wires are used for winding is oxygen free high conductivity with tin plating.

Wide band chokes are an alternative to bead cores when more impedance or dampening is required. In these products, the conductor wire is wound through the holes in a multi-hole ferrite core, which separates them physically and reduces coil capacitance. This results in higher impedance over a wider frequency range.

Introduction



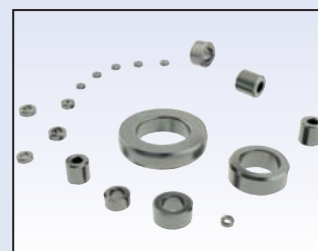
RKCF



RRC



RRH



RT



RFP

FERRITE CORES – SPLIT FERRITE CORES

RKCF

Round Cable Suppression Cores
with plastic casing

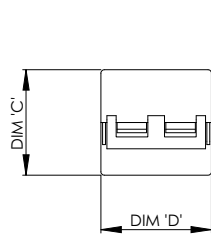


Fig. 1

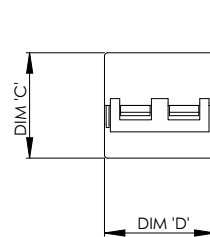
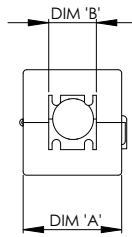
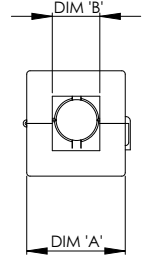


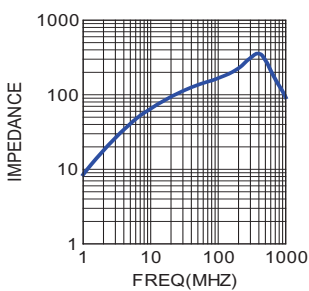
Fig. 2



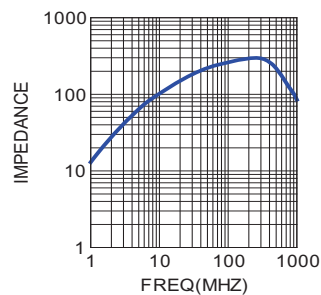
Ferrite Material: **A5 RMS-303** • Casing Material: Black Nylon 6/6 **RMS-244**

RKCF	Applicable Cable Max. (mm)	Fig.	A (mm)	B (mm)	C (mm)	D (mm)	Impedance (Ω)		Standard Pack
							25MHz	100MHz	
RKCF-05-A5	5	1	15	6	14	23	105	170	104
RKCF-06-A5	6.5	1	20.5	7.5	20	33	180	275	56
RKCF-08-A5	8	2	20.5	7.5	20	33	130	260	56
RKCF-10-A5	10	1	25.5	11.5	23.5	32.5	130	240	48
RKCF-13-A5	13	1	31.5	14	31	32.5	150	250	32
Casing in White available by Special Order									
Standard Pack sizes may vary									

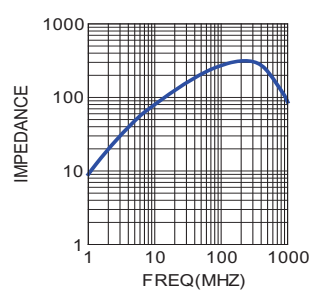
RKCF-05-A5



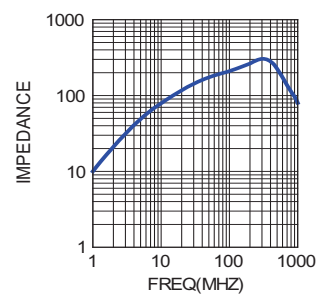
RKCF-06-A5



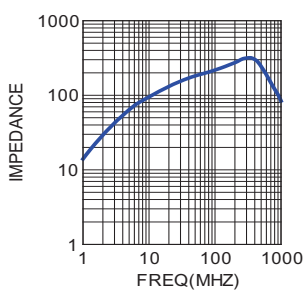
RKCF-08-A5



RKCF-10-A5



RKCF-13-A5



All the data listed in this catalogue are reference only,
Richco reserves the right to alter or revise the specifications without prior notification

Richco - dedicated to superior quality, for demanding quality standards



FERRITE CORES – SPLIT FERRITE CORES

RRC

Round Cable Suppression Cores
with plastic casing

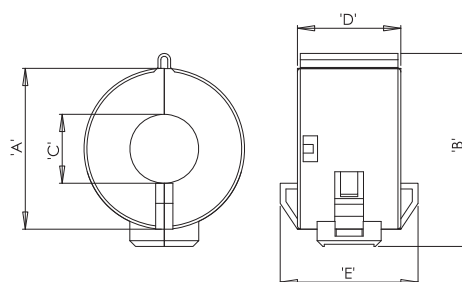


Fig. 1

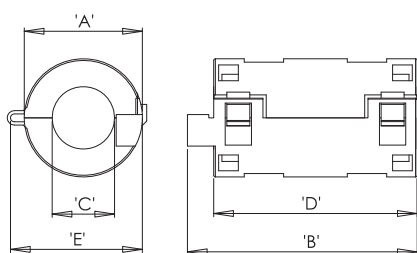


Fig. 2

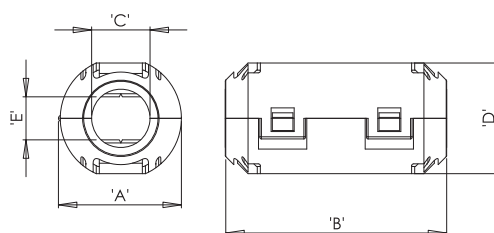


Fig. 3

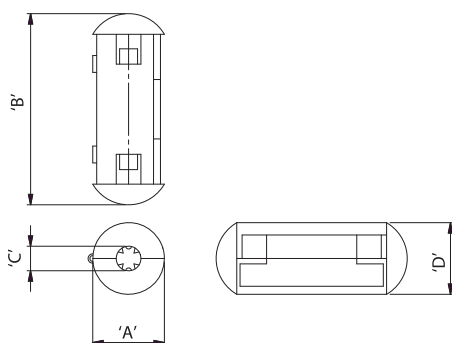


Fig. 4

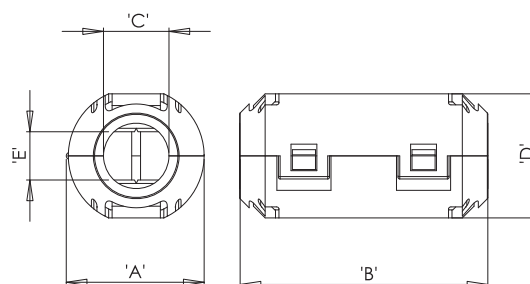


Fig. 5

Ferrite Material: **K5B RMS-303** • Casing Material: Black Nylon 6/6 **RMS-244**

RRC	Applicable Cable Max. (mm)	Fig.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Impedance (Ω)		Standard Pack (Pieces)
								25MHz	100MHz	
RRC-10-5-20-M-K5B	3.5	3	13	25.5	5	12	2.4	93	158	60
RRC-12-7-15-M-K5B	7	2	14	22	7	18	15.5	47	101	150
RRC-13-7-23-M-K5B	4	3	17	30	7	15	3	115	180	36
RRC-14-7-28-M-K5B	7	4	20	39	8.5	20	-	150	260	50
RRC-16-8-13-M-K5B	8	1	19.5	23	8	17	23	60	120	80
RRC-16-8-16-M-K5B	8	1	19.2	23.4	8.2	20	26.1	75	160	40
RRC-16-8-28-M-K5B	8	2	19.5	35	9.5	31	20	130	200	32
RRC-16-9-28-M1-K5B	9	2	19.5	35	9.5	31	20	120	190	50
RRC-16-9-28-M2-K5B	9	3	20	36	9.5	18	6.5	120	190	50
RRC-17-11-28-M-K5B	11	2	20.5	36	11	31.5	20.5	97	207	50
RRC-20-10-10-M-K5B	10	1	24.5	28.5	10.2	13.5	20	50	105	44
RRC-20-13-30-M-K5B	12	3	23	36	13.5	22	10	90	140	80
RRC-20-5-30-M-K5B	4*1.5	5	23	36	5	22	10	270	560	80
RRC-24-11-14-M-K5B	11.5	1	28	31.5	11.5	18	24	70	140	40
RRC-25-15-12-M-K5B	15	1	29	33	15	15.5	21.5	45	100	36
RRC-26-13-30-M-K5B	13	2	30.75	39	13	34	31	140	225	20

Standard Pack sizes may vary

FERRITE CORES – SPLIT FERRITE CORES

RRC

Round Cable Suppression Cores
with plastic casing

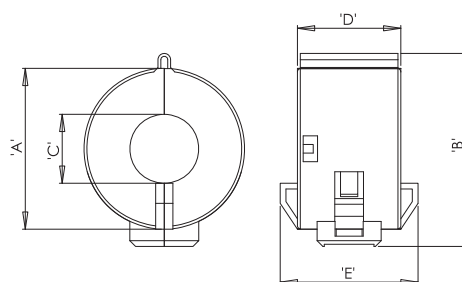


Fig. 1

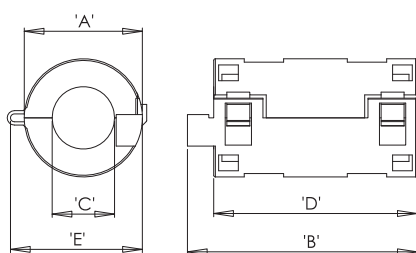


Fig. 2

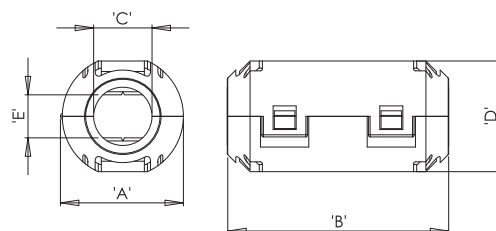


Fig. 3

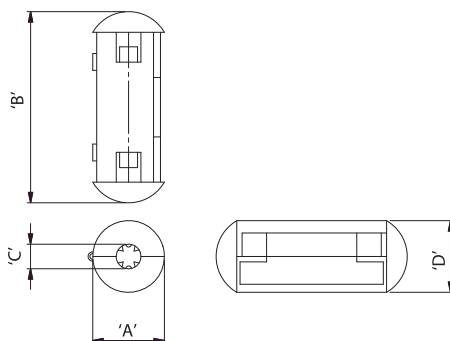


Fig. 4

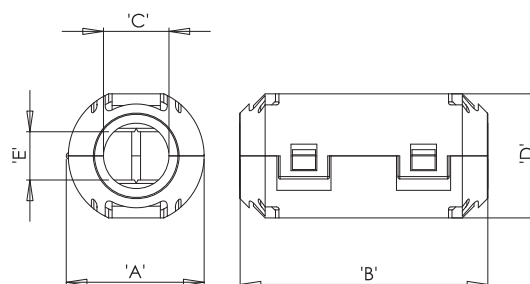


Fig. 5

Ferrite Material: **K5B RMS-303** • Casing Material: Black Nylon 6/6 **RMS-244**

RRC	Applicable Cable Max. (mm)	Fig.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Impedance (Ω)		Standard Pack (Pieces)
								25MHz	100MHz	
RRC-10-5-20-M-K5B	3.5	3	13	25.5	5	12	2.4	93	158	60
RRC-12-7-15-M-K5B	7	2	14	22	7	18	15.5	47	101	150
RRC-13-7-23-M-K5B	4	3	17	30	7	15	3	115	180	36
RRC-14-7-28-M-K5B	7	4	20	39	8.5	20	-	150	260	50
RRC-16-8-13-M-K5B	8	1	19.5	23	8	17	23	60	120	80
RRC-16-8-16-M-K5B	8	1	19.2	23.4	8.2	20	26.1	75	160	40
RRC-16-8-28-M-K5B	8	2	19.5	35	9.5	31	20	130	200	32
RRC-16-9-28-M1-K5B	9	2	19.5	35	9.5	31	20	120	190	50
RRC-16-9-28-M2-K5B	9	3	20	36	9.5	18	6.5	120	190	50
RRC-17-11-28-M-K5B	11	2	20.5	36	11	31.5	20.5	97	207	50
RRC-20-10-10-M-K5B	10	1	24.5	28.5	10.2	13.5	20	270	560	44
RRC-20-13-30-M-K5B	12	3	23	36	13.5	22	10	90	140	80
RRC-20-5-30-M-K5B	4*1.5	5	23	36	5	22	10	50	105	80
RRC-24-11-14-M-K5B	11.5	1	28	31.5	11.5	18	24	70	140	40
RRC-25-15-12-M-K5B	15	1	29	33	15	15.5	21.5	45	100	36
RRC-26-13-30-M-K5B	13	2	30.75	39	13	34	31	140	225	20

Standard Pack sizes may vary

FERRITE CORES – SPLIT FERRITE CORES

RRC

Round Cable Suppression Cores
with plastic casing

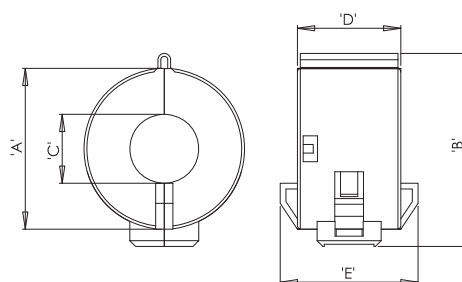


Fig. 1

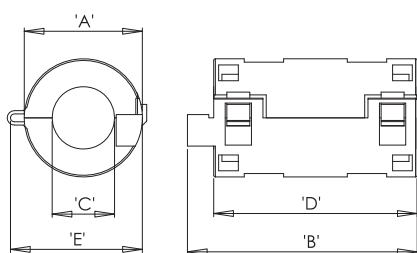


Fig. 2

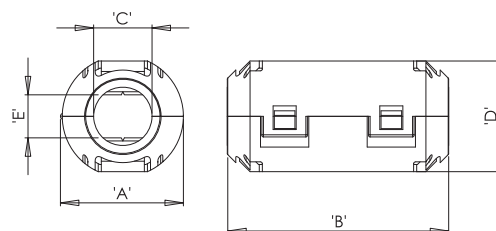


Fig. 3

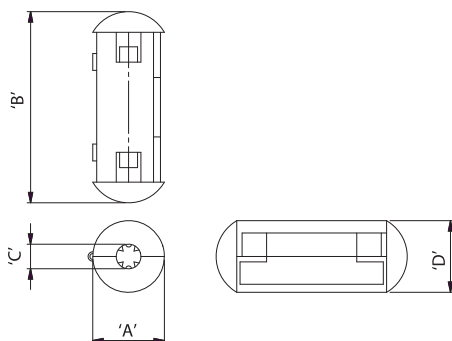


Fig. 4

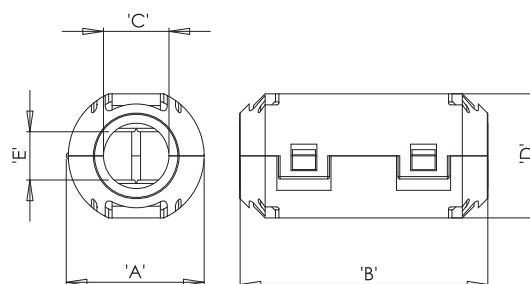


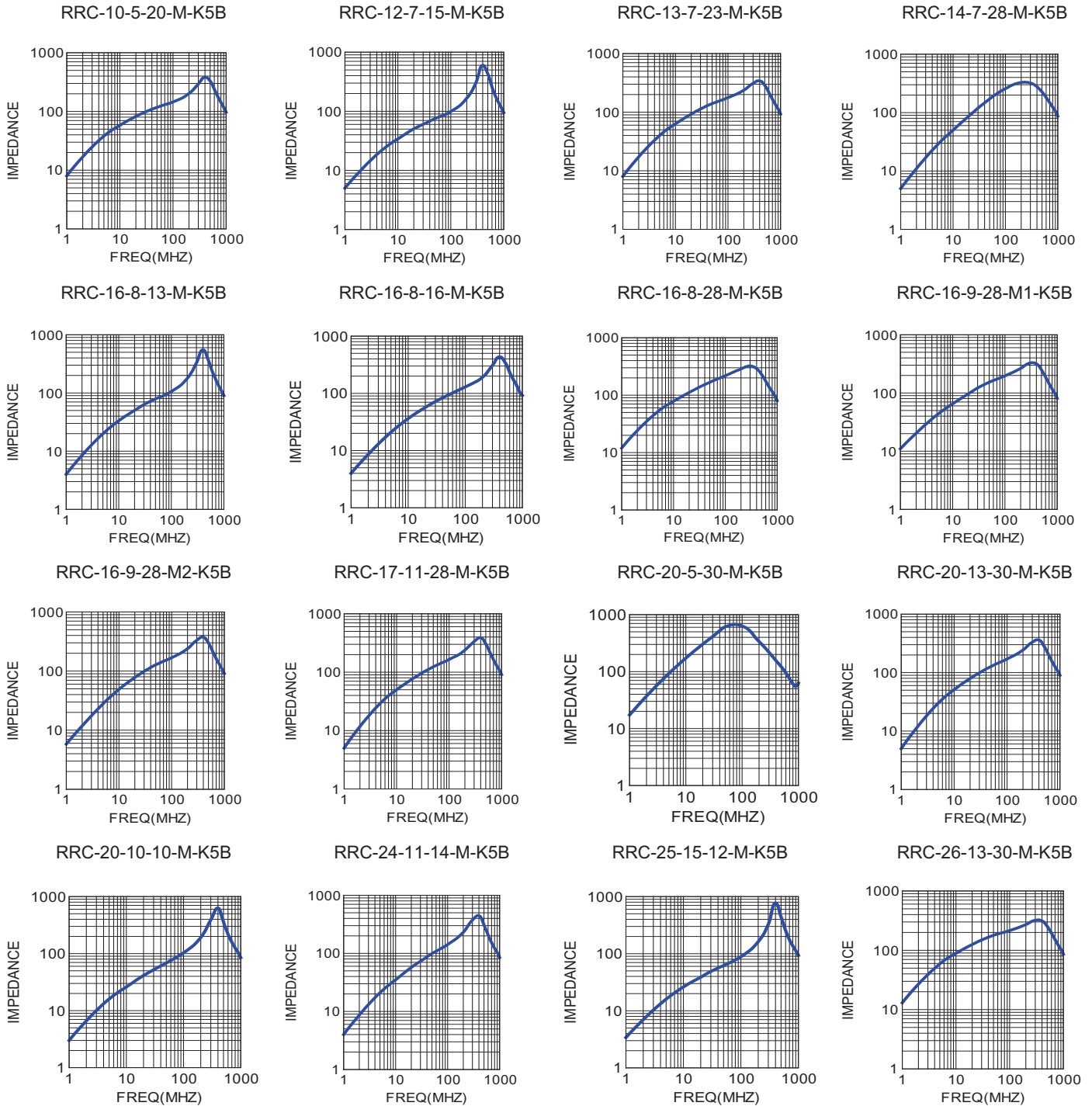
Fig. 5

Ferrite Material: **K5B RMS-303** • Casing Material: Black Nylon 6/6 **RMS-244**

RRC	Applicable Cable Max. (mm)	Fig.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Impedance (Ω)		Standard Pack (Pieces)
								25MHz	100MHz	
RRC-10-5-20-M-K5B	3.5	3	13	12	5	25.5	2.4	93	158	60
RRC-12-7-15-M-K5B	7	2	14	15.5	7	18	22	47	101	150
RRC-13-7-23-M-K5B	4	3	17	15	7	30	3	115	180	36
RRC-14-7-28-M-K5B	7	4	20	20	8.5	39	-	150	260	50
RRC-16-8-13-M-K5B	8	1	19.5	23	8	17	23	60	120	80
RRC-16-8-16-M-K5B	8	1	19.2	23.4	8.2	20	26.1	75	160	40
RRC-16-8-28-M-K5B	8	2	19.5	20	9.5	31	35	130	200	32
RRC-16-9-28-M1-K5B	9	2	19.5	20	9.5	31	35	120	190	50
RRC-16-9-28-M2-K5B	9	3	20	18	9.5	36	6.5	120	190	50
RRC-17-11-28-M-K5B	11	2	20.5	20.5	11	31.5	36	97	207	50
RRC-20-10-10-M-K5B	10	1	24.5	28.5	10.2	13.5	20	270	560	44
RRC-20-13-30-M-K5B	12	3	23	22	13.5	36	10	90	140	80
RRC-20-5-30-M-K5B	4*1.5	5	23	22	5	36	10	50	105	80
RRC-24-11-14-M-K5B	11.5	1	28	31.5	11.5	18	24	70	140	40
RRC-25-15-12-M-K5B	15	1	29	33	15	15.5	21.5	45	100	36
RRC-26-13-30-M-K5B	13	2	30.75	31	13	34	39	140	225	20

Standard Pack sizes may vary

FERRITE CORES – SPLIT FERRITE CORES



Notes

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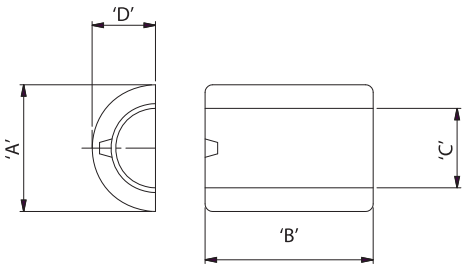
Free of charge samples for testing in your application



FERRITE CORES – SPLIT FERRITE CORES

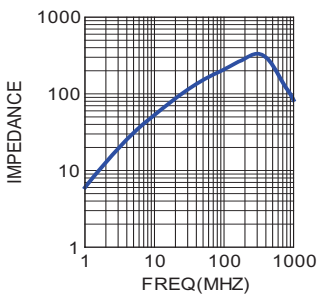
RRC SPLIT

Round Cable Suppression Cores

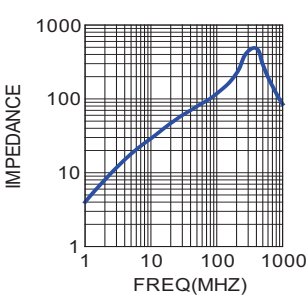


Ferrite Material: K5B RMS-303								
RRC	Applicable Cable Max. (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Impedance (Ω)		Standard Pack (Pieces)
						25MHz	100MHz	
RRC-17-9-28-K5B	9	17.5	28.5	9.5	8.75	98	160	80
RRC-35-23-15-K5B	22	35.5	15	22.5	17.4	51	108	24
Standard Pack sizes may vary								

RRC-17-9-28-K5B



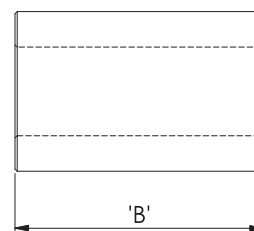
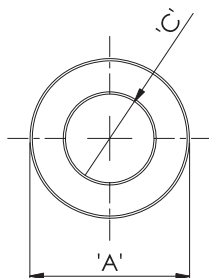
RRC-35-23-15-K5B



Notes

FERRITE CORES — SOLID FERRITE CORES

RRH Sleeve Cores



Ferrite Material: K5B RMS-303						
RRH	A (mm)	B (mm)	C (mm)	Impedance (Ω)		Standard Pack (Pieces)
				25MHz	100MHz	
RRH-25-8-40-K5B	2.5	4	0.8	33	52	4.000
RRH-25-8-70-K5B	2.5	7	0.8	55	85	4.000
RRH-30-10-30-K5B	3	3	1	25	47	4.000
RRH-30-10-40-K5B	3	4	1	32	51	4.000
RRH-30-10-60-K5B	3	6	1	46	74	4.000
RRH-30-12-30-K5B	3	3	1.2	23	44	4.000
RRH-35-8-35-K5B	3.5	3.5	0.8	37	62	4.000
RRH-35-8-45-K5B	3.5	4.5	0.8	46	86	4.000
RRH-35-8-47-K5B	3.5	4.7	0.8	46	77	4.000
RRH-35-8-50-K5B	3.5	5	0.8	50	85	4.000
RRH-35-8-60-K5B	3.5	6	0.8	57	92	2.000
RRH-35-8-75-K5B	3.5	7.5	0.8	69	114	2.000
RRH-35-8-80-K5B	3.5	8	0.8	77	134	4.000
RRH-35-8-90-K5B	3.5	9	0.8	93	158	1.000
RRH-35-8-95-K5B	3.5	9.5	0.8	84	133	1.000
RRH-35-8-140-K5B	3.5	14	0.8	144	212	2.000
RRH-35-10-40-K5B	3.5	4	1	32	55	4.000
RRH-35-10-60-K5B	3.5	6	1	53	75	2.000
RRH-35-10-80-K5B	3.5	8	1	78	111	2.000
RRH-35-12-35-K5B	3.5	3.5	1.2	26	45	4.000
RRH-35-12-40-K5B	3.5	4	1.2	31	46	4.000
RRH-35-12-50-K5B	3.5	5	1.2	37	55	4.000
RRH-35-12-60-K5B	3.5	6	1.2	45	73	4.000
RRH-35-12-70-K5B	3.5	7	1.2	54	84	2.000
RRH-35-13-40-K5B	3.5	4	1.3	29	48	4.000
RRH-35-13-50-K5B	3.5	5	1.3	37	61	4.000
RRH-35-13-60-K5B	3.5	6	1.3	43	64	4.000
RRH-35-13-90-K5B	3.5	9	1.3	62	80	2.000
RRH-35-15-40-K5B	3.5	4	1.5	25	43	4.000
RRH-35-15-50-K5B	3.5	5	1.5	33	51	4.000
RRH-35-15-60-K5B	3.5	6	1.5	35	60	4.000
RRH-35-18-35-K5B	3.5	3.5	1.8	19	37	4.000
RRH-35-18-50-K5B	3.5	5	1.8	27	48	4.000
RRH-35-18-60-K5B	3.5	6	1.8	28	54	4.000
RRH-40-15-40-K5B	4	4	1.5	26	51	2.000
RRH-40-15-50-K5B	4	5	1.5	35	54	2.000
RRH-40-15-100-K5B	4	10	1.5	65	91	2.000
RRH-40-20-40-K5B	4	4	2	24	48	4.000
RRH-40-20-50-K5B	4	5	2	28	51	2.000
RRH-40-20-60-K5B	4	6	2	30	49	2.000
RRH-40-20-70-K5B	4	7	2	40	64	2.000
RRH-40-20-80-K5B	4	8	2	39	58	2.000
RRH-40-20-100-K5B	4	10	2	53	80	2.000
RRH-40-20-120-K5B	4	12	2	52	76	2.000
RRH-40-20-150-K5B	4	15	2	70	97	2.000

Standard Pack sizes may vary

PTO

FERRITE CORES – SOLID FERRITE CORES

Ferrite Material: K5B RMS-303						
RRH	A (mm)	B (mm)	C (mm)	Impedance (Ω)		Standard Pack (Pieces)
				25MHz	100MHz	
RRH-40-20-170-K5B	4	17	2	79	116	2,000
RRH-45-25-48-K5B	4.5	4.8	2.5	21	41	2,000
RRH-45-25-70-K5B	4.5	7	2.5	32	55	2,000
RRH-45-26-120-K5B	4.5	12	2.6	49	72	2,000
RRH-46-20-110-K5B	4.6	11	2	65	104	2,000
RRH-48-23-64-K5B	4.83	6.35	2.29	43	80	2,000
RRH-50-15-110-K5B	5	11	1.5	84	119	1,000
RRH-50-15-200-K5B	5	20	1.5	158	221	500
RRH-50-16-62-K5B	5	6.2	1.6	56	91	2,000
RRH-50-22-120-K5B	5	12	2.15	69	108	1,000
RRH-50-22-180-K5B	5	18	2.15	128	147	500
RRH-50-23-50-K5B	5	5	2.3	30	55	2,000
RRH-50-23-100-K5B	5	10	2.3	51	72	1,000
RRH-50-24-64-K5B	5	6.35	2.36	32	50	2,000
RRH-57-15-80-K5B	5.7	8	1.5	76	111	1,000
RRH-60-30-100-K5B	6	10	3	52	90	1,000
RRH-60-30-250-K5B	6	25	3	120	175	500
RRH-60-32-180-K5B	6	18	3.15	100	155	500
RRH-60-40-100-K5B	6	10	4	27	48	1,000
RRH-60-40-128-K5B	6	12.8	4	34	54	500
RRH-64-33-127-K5B	6.35	12.7	3.3	55	80	500
RRH-64-33-158-K5B	6.35	15.8	3.3	76	101	500
RRH-65-43-100-K5B	6.5	10	4.3	34	62	1,000
RRH-65-43-110-K5B	6.5	11	4.3	38	63	1,000
RRH-75-24-75-K5B	7.5	7.5	2.4	60	102	2,000
RRH-79-30-100-K5B	7.9	10	3	68	108	1,000
RRH-79-30-190-K5B	7.9	19	3	130	190	500
RRH-79-40-128-K5B	7.9	12.8	4	66	107	500
RRH-80-32-101-K5B	8	10.06	3.18	67	115	500
RRH-80-40-100-K5B	8	10	4	48	71	500
RRH-80-50-160-K5B	8	16	5	59	104	500
RRH-80-60-90-K5B	8	9	6	23	47	500
RRH-80-60-98-K5B	8	9.8	6	22	41	500
RRH-80-60-120-K5B	8	12	6	25	45	500
RRH-93-45-95-K5B	9.3	9.5	4.5	53	98	500
RRH-93-58-110-K5B	9.3	11	5.8	37	62	500
RRH-95-48-95-K5B	9.5	9.5	4.8	50	86	500
RRH-95-48-127-K5B	9.5	12.7	4.8	56	80	500
RRH-95-50-104-K5B	9.5	10.4	5	53	81	500
RRH-95-50-145-K5B	9.5	14.5	5	75	121	500
RRH-95-50-160-K5B	9.5	16	5	72	114	300
RRH-95-50-190-K5B	9.5	19	5	95	135	300
RRH-95-50-195-K5B	9.5	19.5	5	98	153	300
RRH-95-52-95-K5B	9.5	9.5	5.2	45	76	500
RRH-95-52-100-K5B	9.5	10	5.2	48	74	500
RRH-95-58-100-K5B	9.5	10	5.8	38	68	500
RRH-96-51-159-K5B	9.52	15.88	5.08	74	103	500
RRH-98-8-114-K5B	9.8	11.4	0.8	167	256	200
RRH-98-67-135-K5B	9.8	13.5	6.7	43	91	500
RRH-98-67-191-K5B	9.8	19.05	6.7	51	88	300
RRH-100-50-100-K5B	10	10	5	54	85	500
RRH-100-60-100-K5B	10	10	6	38	66	500
RRH-100-60-140-K5B	10	14	6	45	73	200
RRH-100-70-100-K5B	10	10	7	31	57	500
RRH-105-55-200-K5B	10.5	20	5.5	95	138	200
RRH-105-55-250-K5B	10.5	25	5.5	106	173	150
RRH-110-50-160-K5B	11	16	5	87	138	200
RRH-110-50-185-K5B	11	18.5	5	113	178	200
RRH-110-50-200-K5B	11	20	5	106	154	200
RRH-110-50-250-K5B	11	25	5	145	230	400
RRH-115-43-200-K5B	11.5	20	4.3	148	210	100
RRH-115-43-260-K5B	11.5	26	4.3	190	270	100
RRH-115-50-185-K5B	11.5	18.5	5	101	146	100
RRH-118-73-150-K5B	11.8	15	7.3	61	109	200
RRH-120-35-230-K5B	12	23	3.5	210	328	100
RRH-120-56-150-K5B	12	15	5.6	79	124	200
RRH-120-56-200-K5B	12	20	5.6	119	175	165
RRH-120-56-300-K5B	12	30	5.6	180	260	110
Standard Pack sizes may vary						

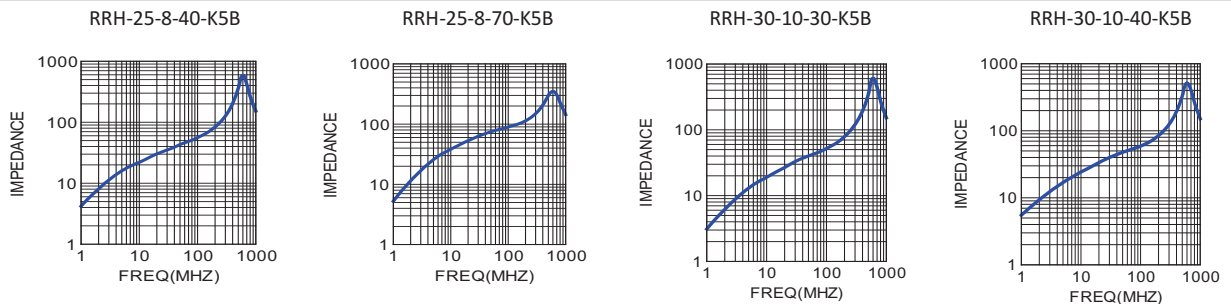
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FERRITE CORES – SOLID FERRITE CORES

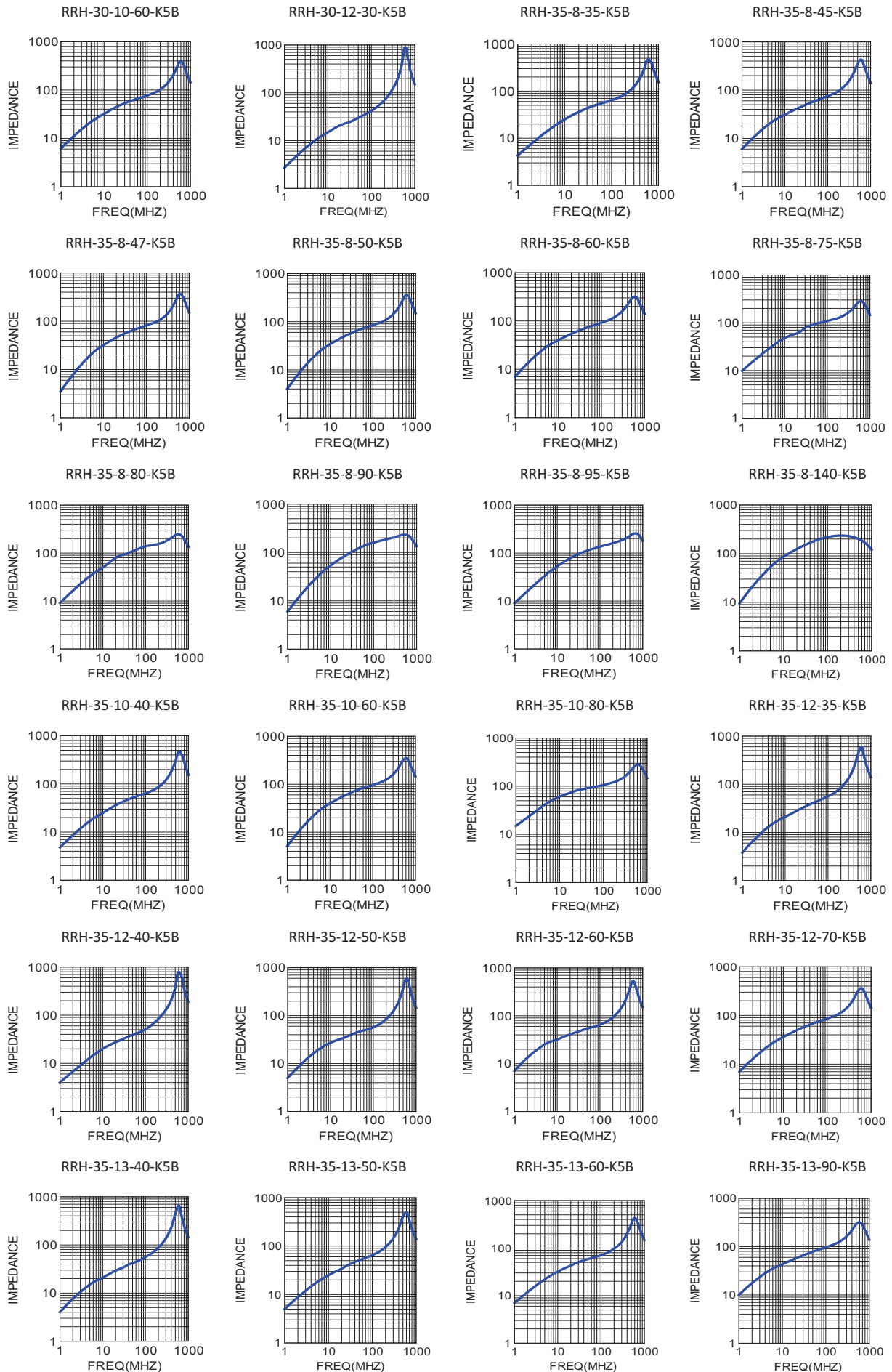
Ferrite Material: **K5B RMS-303**

RRH	A (mm)	B (mm)	C (mm)	Impedance (Ω)		Standard Pack (Pieces)
				25MHz	100MHz	
RRH-120-70-120-K5B	12	12	7	46	76	300
RRH-120-70-150-K5B	12	15	7	60	92	200
RRH-120-73-200-K5B	12	20	7.3	69	108	100
RRH-120-85-120-K5B	12	12	8.5	39	75	200
RRH-120-85-150-K5B	12	15	8.5	45	85	200
RRH-122-79-230-K5B	12.2	23	7.9	67	108	100
RRH-123-70-200-K5B	12.3	20	7	72	137	165
RRH-123-49-254-K5B	12.32	25.4	4.88	172	264	100
RRH-125-52-150-K5B	12.5	15	5.2	95	145	200
RRH-125-80-125-K5B	12.5	12.5	8	42	72	200
RRH-127-79-127-K5B	12.7	12.7	7.9	43	60	200
RRH-140-90-150-K5B	14	15	9	48	82	200
RRH-142-64-150-K5B	14.2	15	6.35	92	146	200
RRH-142-64-180-K5B	14.2	18	6.35	99	141	100
RRH-142-64-285-K5B	14.2	28.5	6.35	164	255	110
RRH-142-70-150-K5B	14.2	15	7	78	116	200
RRH-142-70-235-K5B	14.2	23.5	7	127	204	100
RRH-142-70-285-K5B	14.2	28.5	7	143	243	110
RRH-142-80-150-K5B	14.2	15	8	63	107	200
RRH-142-80-285-K5B	14.2	28.5	8	128	195	110
RRH-149-70-190-K5B	14.99	19	6.99	107	171	128
RRH-149-70-279-K5B	14.99	27.94	6.99	151	237	110
RRH-153-102-285-K5B	15.2	28.5	10.2	81	128	99
RRH-153-80-280-K5B	15.25	28	8	122	180	99
RRH-153-90-170-K5B	15.25	17	9	53	103	120
RRH-157-70-286-K5B	15.65	28.57	6.99	164	258	99
RRH-158-79-160-K5B	15.8	16	7.9	84	132	100
RRH-159-79-286-K5B	15.88	28.57	7.87	148	241	99
RRH-160-43-175-K5B	16	17.5	4.3	92	213	126
RRH-160-70-200-K5B	16	20	7	111	163	96
RRH-160-70-280-K5B	16	28	7	174	247	99
RRH-160-80-160-K5B	16	16	8	77	116	100
RRH-160-90-170-K5B	16	17	9	61	115	120
RRH-160-90-200-K5B	16	20	9	98	124	112
RRH-160-90-280-K5B	16	28	9	104	178	99
RRH-160-90-285-K5B	16	28.5	9	105	195	99
RRH-160-100-280-K5B	16	28	10	91	156	99
RRH-171-88-254-K5B	17.07	25.4	8.76	122	180	88
RRH-175-80-285-K5B	17.5	28.5	8	139	203	88
RRH-175-83-285-K5B	17.5	28.5	8.3	143	242	88
RRH-175-95-285-K5B	17.5	28.5	9.5	115	170	88
RRH-175-95-350-K5B	17.5	35	9.5	152	253	88
RRH-175-100-400-K5B	17.5	40	10	166	262	88
RRH-175-107-285-K5B	17.5	28.5	10.7	90	150	88
RRH-180-100-180-K5B	18	18	10	80	135	100
RRH-180-100-280-K5B	18	28	10	124	209	88
RRH-180-100-290-K5B	18	29	10	128	210	88
RRH-186-102-250-K5B	18.67	25	10.16	115	178	88
RRH-186-102-286-K5B	18.67	28.57	10.16	117	171	88
RRH-190-58-315-K5B	19	31.5	5.8	243	323	77
RRH-190-58-350-K5B	19	35	5.8	272	340	77
RRH-190-63-350-K5B	19	35	6.3	242	324	77
RRH-190-130-290-K5B	19	29	13	60	105	77
RRH-259-128-286-K5B	25.91	28.57	12.83	127	195	40
RRH-280-160-280-K5B	28	28	16	110	169	32
RRH-285-138-286-K5B	28.5	28.57	13.77	158	250	24

Standard Pack sizes may vary

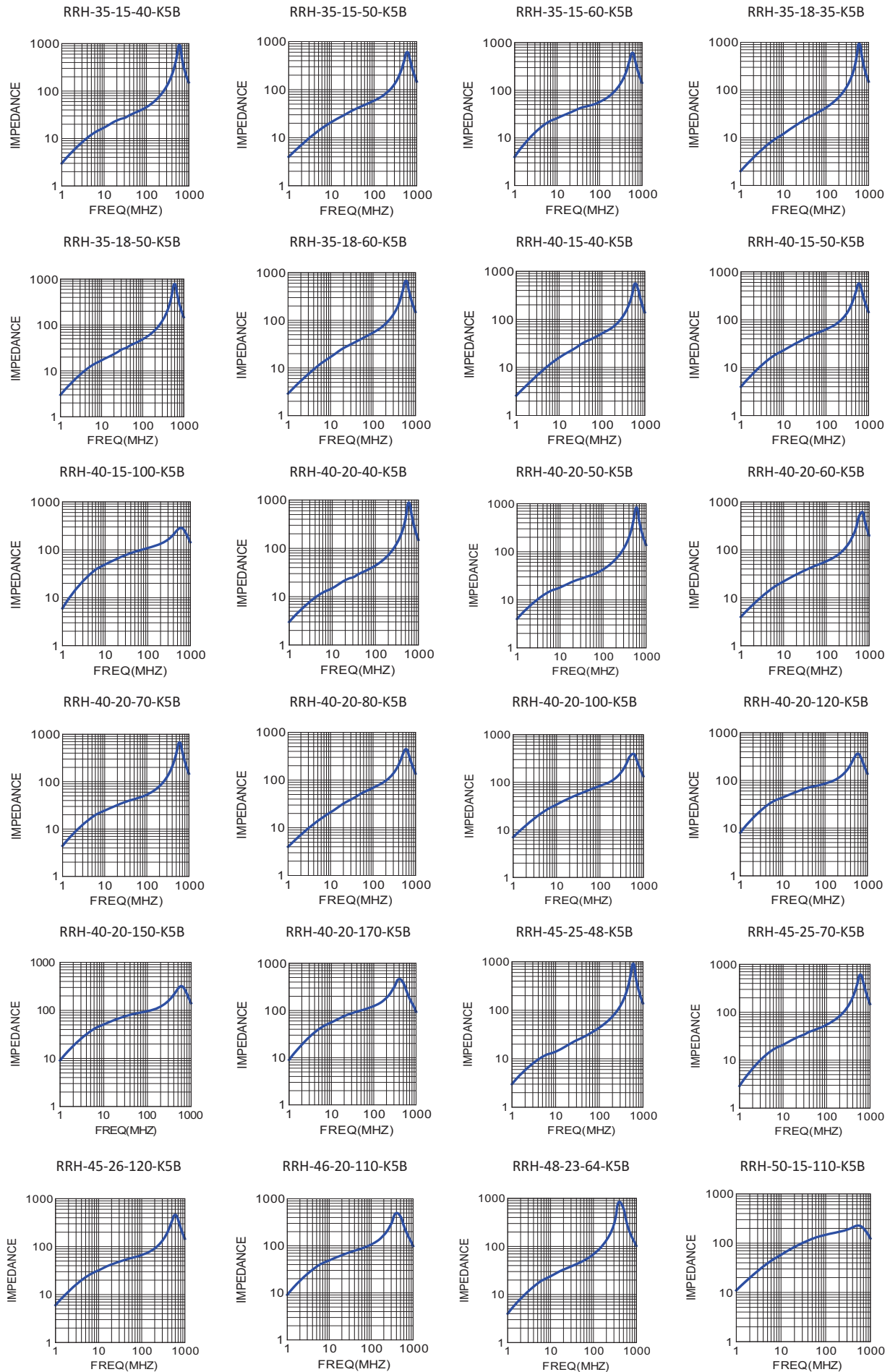


FERRITE CORES — SOLID FERRITE CORES



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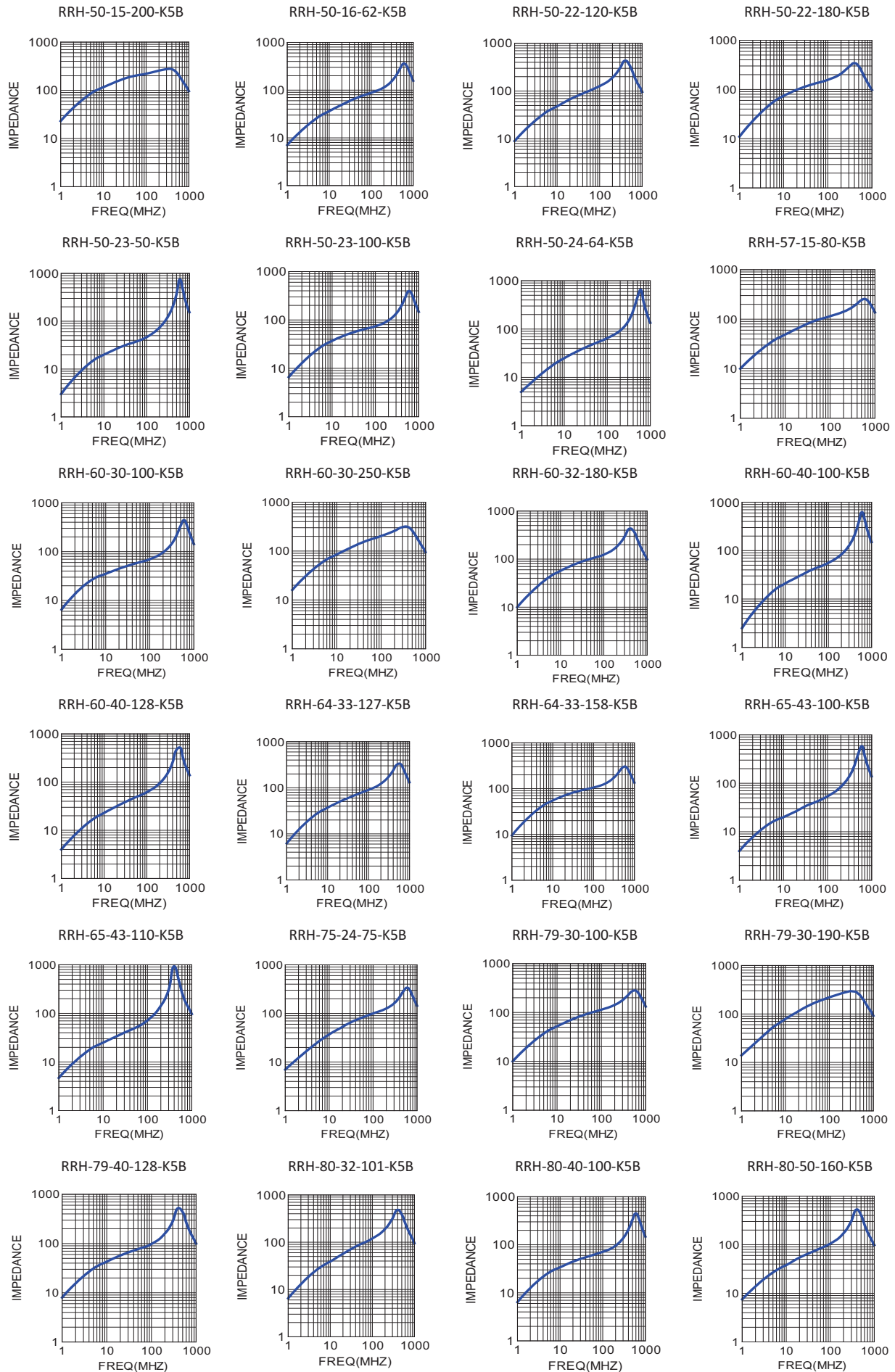
FERRITE CORES — SOLID FERRITE CORES



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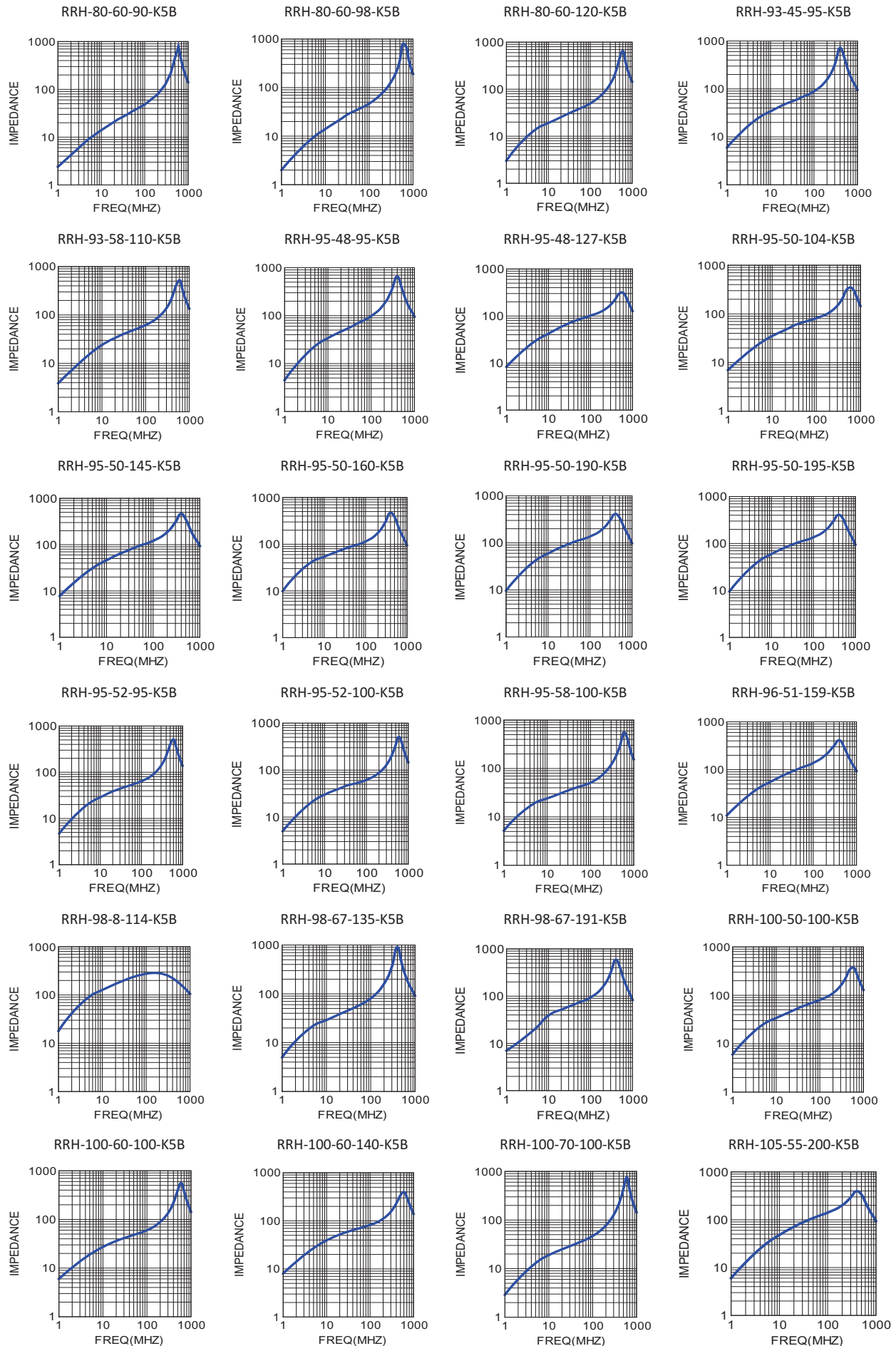
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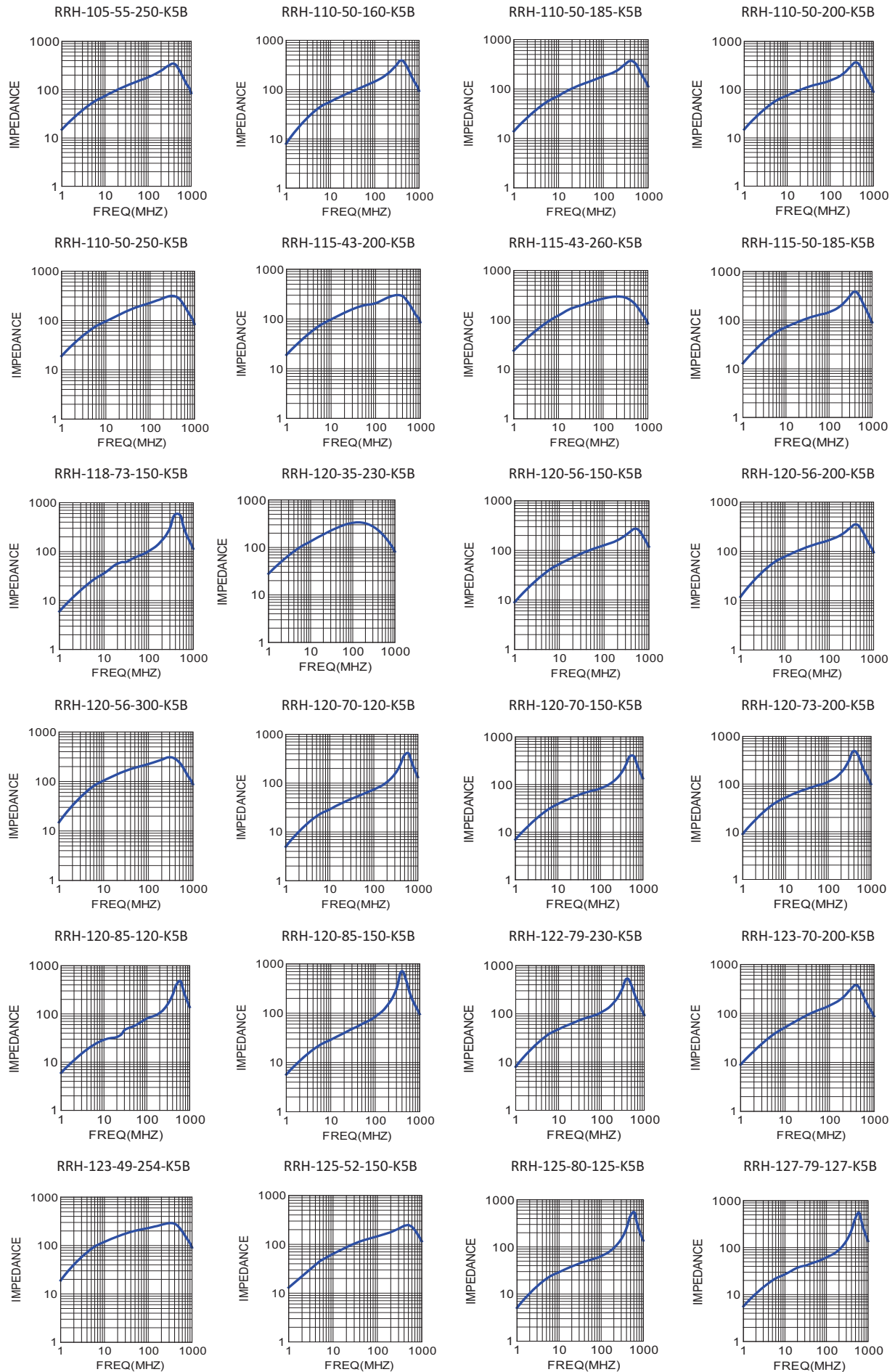
FERRITE CORES — SOLID FERRITE CORES



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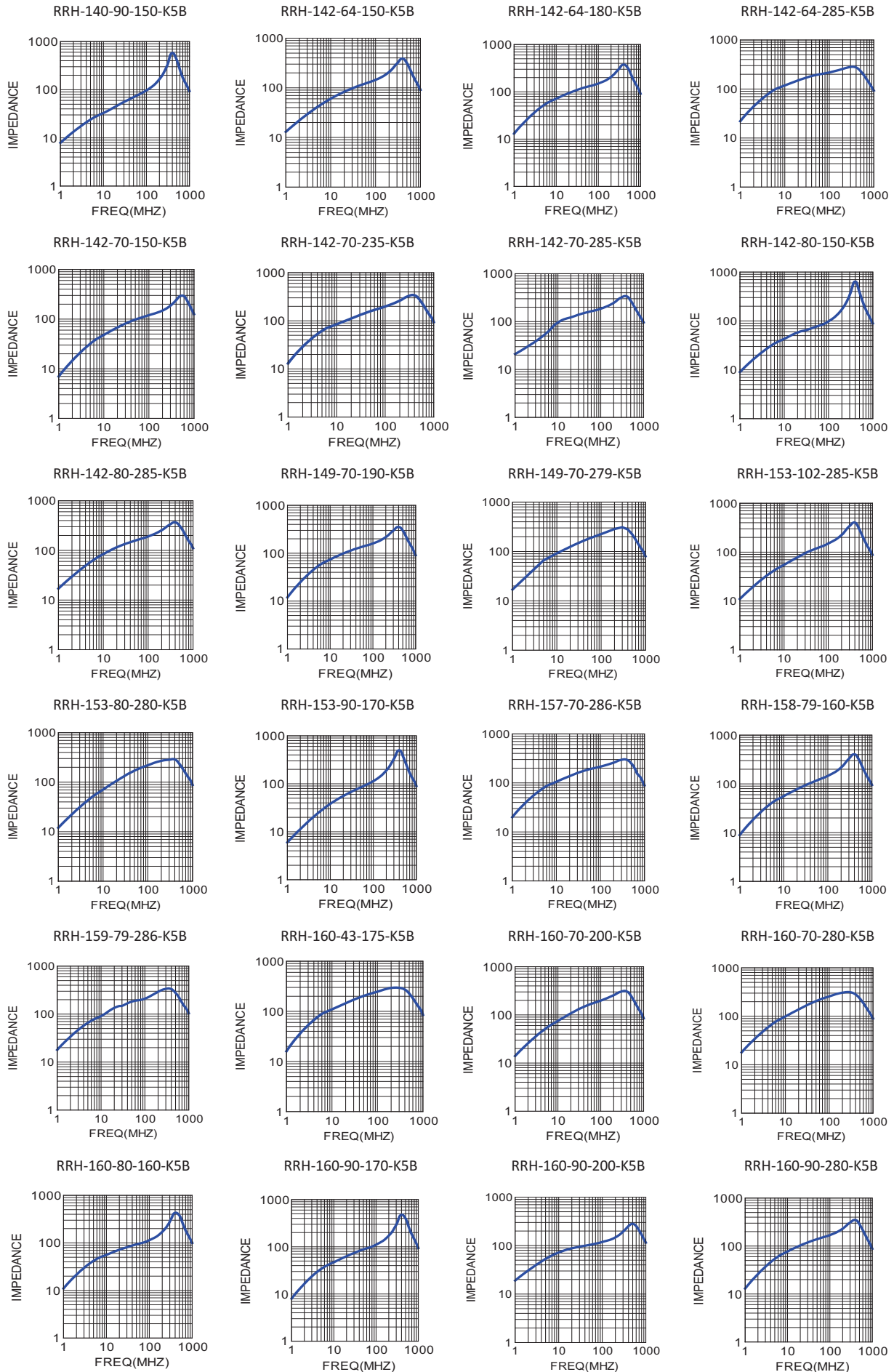
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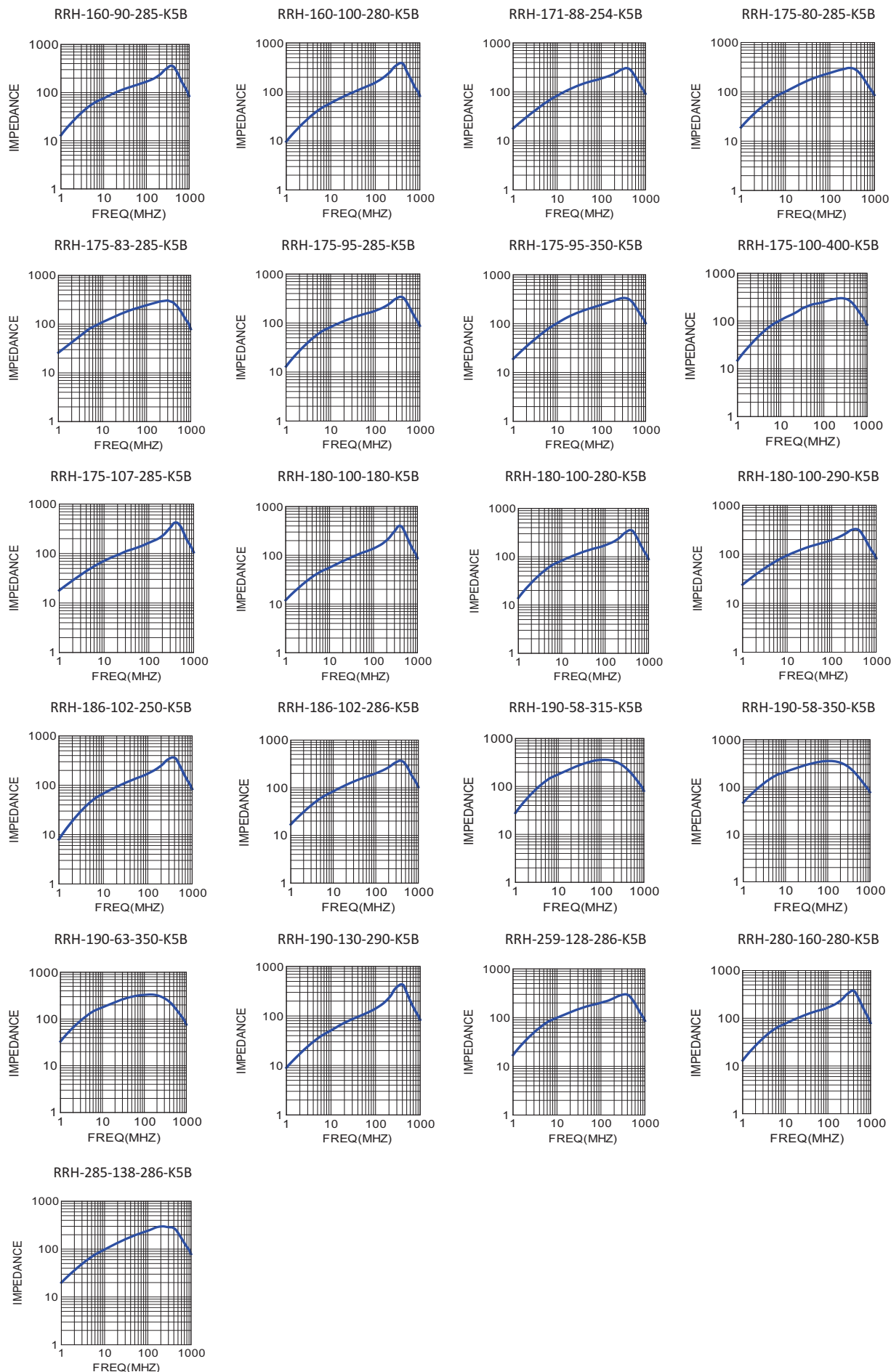
FERRITE CORES — SOLID FERRITE CORES



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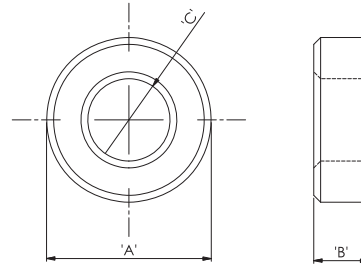
FERRITE CORES – SOLID FERRITE CORES



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FERRITE CORES – SOLID FERRITE CORES

RT Toroid Cores



Ferrite Material: K5B RMS-303						
RT	A (mm)	B (mm)	C (mm)	Impedance (Ω)		Standard Pack (Pieces)
				25MHz	100MHz	
RT-30-10-20-K5B	3	2	1	20	42	4.000
RT-30-12-20-K5B	3	2	1.2	17	38	4.000
RT-35-8-25-K5B	3.5	3	1	25	52	4.000
RT-35-8-30-K5B	3.5	3	0.8	31	53	4.000
RT-35-10-30-K5B	3.5	3	1.0	29	50	4.000
RT-35-12-30-K5B	3.5	3.00	1.2	25	45	4.000
RT-35-13-30-K5B	3.5	3	1.3	26	47	4.000
RT-35-13-33-K5B	3.5	3.25	1.3	27	48	4.000
RT-35-14-30-K5B	3.5	3.00	1.4	22	48	4.000
RT-35-14-33-K5B	3.5	3	1.4	26	49	4.000
RT-35-15-15-K5B	3.5	1.54	1.5	15	36	4.000
RT-35-15-30-K5B	3.5	3	1.5	21	42	4.000
RT-35-15-33-K5B	3.5	3.3	1.5	21	43	4.000
RT-35-17-30-K5B	3.5	3	1.7	17	38	4.000
RT-35-18-13-K5B	3.5	1.3	1.8	11	31	4.000
RT-35-18-30-K5B	3.5	3	1.8	18	37	4.000
RT-39-23-25-K5B	3.94	2.54	2.29	15	36	4.000
RT-40-15-20-K5B	4	2	1.5	19	39	4.000
RT-40-15-30-K5B	4	3	1.5	23	45	4.000
RT-40-20-15-K5B	4	1.5	2	13	35	4.000
RT-40-20-20-K5B	4	2	2	14	37	4.000
RT-40-20-30-K5B	4	3	2	20	41	4.000
RT-40-22-17-K5B	4	1.7	2.2	12	31	4.000
RT-41-16-40-K5B	4.1	4	1.6	31	55	2.000
RT-43-28-25-K5B	4.3	2.5	2.8	13	35	4.000
RT-44-28-14-K5B	4.4	1.4	2.8	12	32	5.000
RT-45-25-32-K5B	4.5	3.2	2.5	18	37	4.000
RT-50-15-40-K5B	5	4	1.5	30	51	2.000
RT-50-20-20-K5B	5	2	2	17	37	2.000
RT-50-20-40-K5B	5	4	2	30	46	2.000
RT-50-23-30-K5B	5	3	2.3	19	39	2.000
RT-60-30-15-K5B	6	1.5	3	10	31	2.000
RT-60-30-20-K5B	6	2	3	15	35	2.000
RT-60-30-30-K5B	6	3	3	21	40	2.000
RT-60-30-38-K5B	6	3.8	3	22	43	1.000
RT-60-30-40-K5B	6	4	3	24	44	1.000
RT-60-30-55-K5B	6	5.5	3	31	51	1.000
RT-65-43-60-K5B	6.5	6	4.3	21	42	1.000
RT-70-35-40-K5B	7	4	3.5	23	46	1.000
RT-70-35-60-K5B	7	6	3.5	34	59	1.000
RT-73-33-43-K5B	7.3	4.3	3.3	27	50	1.000
RT-75-24-40-K5B	7.5	4	2.4	32	62	1.000

Standard Pack sizes may vary

PTO

FERRITE CORES – SOLID FERRITE CORES

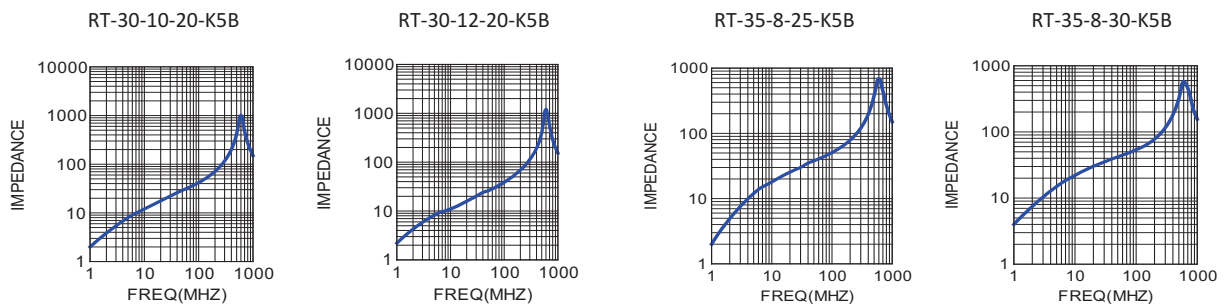
Ferrite Material: K5B RMS-303						
RT	A (mm)	B (mm)	C (mm)	Impedance (Ω)		Standard Pack (Pieces)
				25MHz	100MHz	
RT-76-52-62-K5B	7.6	6.2	5.2	21	40	1.000
RT-79-40-70-K5B	7.9	7	4	33	57	500
RT-80-31-40-K5B	8	4	3.1	33	52	1.000
RT-80-40-30-K5B	8	3	4	17	37	1.000
RT-80-40-40-K5B	8	4	4	23	46	1.000
RT-80-40-60-K5B	8	6	4	33	57	500
RT-80-60-50-K5B	8	5	6	15	36	500
RT-80-60-70-K5B	8	7	6	20	42	500
RT-85-50-30-K5B	8.5	3	5	16	34	1.000
RT-90-50-30-K5B	9	3	5	16	37	1.000
RT-90-50-80-K5B	9	8	5	38	64	500
RT-93-45-64-K5B	9.3	6.35	4.5	32	50	500
RT-94-63-72-K5B	9.4	7.2	6.3	22	42	1.000
RT-95-46-46-K5B	9.5	4.57	4.6	27	47	500
RT-95-48-33-K5B	9.5	3.3	4.8	22	45	1.000
RT-95-50-48-K5B	9.5	4.8	5	22	47	500
RT-95-50-50-K5B	9.5	5	5	26	49	500
RT-100-30-60-K5B	10	6	3	50	82	500
RT-100-50-50-K5B	10	5	5	34	73	500
RT-100-60-30-K5B	10	3	6	15	37	1.000
RT-100-60-40-K5B	10	4	6	20	42	1.000
RT-100-60-50-K5B	10	5	6	22	41	500
RT-100-60-62-K5B	10	6.2	6	25	49	500
RT-100-60-80-K5B	10	8	6	33	60	500
RT-100-70-50-K5B	10	5	7	17	39	500
RT-100-70-70-K5B	10	7	7	22	44	500
RT-100-70-75-K5B	10	7.5	7	25	46	500
RT-103-58-102-K5B	10.3	10.2	5.8	40	67	500
RT-110-50-90-K5B	11	9	5	60	107	200
RT-120-60-40-K5B	12	4	6	24	48	500
RT-120-60-60-K5B	12	6	6	34	58	500
RT-120-60-80-K5B	12	8	6	46	77	500
RT-120-70-55-K5B	12	5.5	7	26	49	500
RT-120-70-60-K5B	12	6	7	28	48	500
RT-125-80-64-K5B	12.5	6	8	24	46	500
RT-125-80-120-K5B	12.5	12.00	8	36	58	200
RT-127-79-64-K5B	12.7	6.35	7.9	26	68	500
RT-130-70-30-K5B	13	3	7	17	39	500
RT-130-70-55-K5B	13	5.5	7	27	50	300
RT-130-70-60-K5B	13	6	7	28	51	500
RT-130-70-70-K5B	13	7	7	32	56	200
RT-130-71-127-K5B	13	12.7	7.1	60	106	200
RT-140-80-50-K5B	14	5	8	26	50	500
RT-140-80-70-K5B	14	7	8	28	50	500
RT-140-90-50-K5B	14	5	9	19	37	500
RT-142-64-102-K5B	14.2	10.16	6.35	57	95	200
RT-142-64-135-K5B	14.2	13.5	6.35	75	125	200
RT-142-80-120-K5B	14.2	12	8	49	76	200
RT-145-102-80-K5B	14.5	8	10.2	29	69	200
RT-150-105-120-K5B	15	12	10.5	37	62	200
RT-159-79-143-K5B	15.88	14.27	7.87	79	121	100
RT-160-80-120-K5B	16	12	8	59	95	200
RT-160-80-130-K5B	16	13	8	64	99	100
RT-160-90-120-K5B	16	12	9	55	87	200
RT-160-100-70-K5B	16	7	10	32	71	300
RT-160-100-80-K5B	16	8	10	29	55	200
RT-160-100-100-K5B	16	10	10	43	85	150
RT-160-120-80-K5B	16	8	12	26	48	200
RT-160-120-150-K5B	16	15	12	33	58	200
RT-165-82-130-K5B	16.5	13	8.2	70	125	120
RT-165-82-160-K5B	16.5	16	8.2	83	140	120
RT-165-92-75-K5B	16.5	7.5	9.2	35	70	200
RT-175-80-100-K5B	17.5	10	8.0	62	94	98
RT-175-95-50-K5B	17.5	5	10	22	44	200
RT-175-95-64-K5B	17.5	6	9.5	31	53	200
RT-175-95-70-K5B	17.5	7.0	9.5	30	54	200
RT-175-95-110-K5B	17.5	11.0	9.5	55	96	200
Standard Pack sizes may vary						

PTO

FERRITE CORES – SOLID FERRITE CORES

Ferrite Material: K5B RMS-303						
RT	A (mm)	B (mm)	C (mm)	Impedance (Ω)		Standard Pack (Pieces)
				25MHz	100MHz	
RT-175-95-127-K5B	17.5	13	9.5	59	95	100
RT-175-95-135-K5B	17.5	14	9.5	63	115	100
RT-175-95-150-K5B	17.5	15.00	9.5	70	113	112
RT-175-107-80-K5B	17.5	8	10.7	33	60	200
RT-180-100-60-K5B	18	6	10	31	55	200
RT-180-100-100-K5B	18	10	10	47	77	200
RT-180-100-150-K5B	18	15	10	69	123	100
RT-187-102-143-K5B	18.67	14.27	10.16	70	119	100
RT-187-102-170-K5B	18.67	17.02	10.16	75	125	100
RT-190-100-100-K5B	19	10	10	54	102	100
RT-190-120-80-K5B	19	8	12	32	72	200
RT-190-120-100-K5B	19	10	12	37	78	100
RT-200-100-50-K5B	20	5	10	28	68	140
RT-200-100-80-K5B	20	8	10	38	62	100
RT-200-100-100-K5B	20	10	10	50	82	100
RT-200-120-100-K5B	20	10	12	40	68	84
RT-205-102-100-K5B	20.5	10	10.2	53	86	80
RT-212-127-60-K5B	21.2	6	12.7	27	52	200
RT-220-135-64-K5B	22	6.35	13.5	28	53	200
RT-220-135-80-K5B	22	8	13.5	37	78	100
RT-220-140-65-K5B	22	7	14	28	68	84
RT-220-140-80-K5B	22	8	14	33	73	100
RT-220-140-100-K5B	22	10.0	14	42	90	84
RT-220-140-120-K5B	22	12	14	40	85	84
RT-221-137-127-K5B	22.1	12.7	13.72	48	83	100
RT-225-138-64-K5B	22.5	6.4	13.8	25	47	200
RT-225-138-127-K5B	22.5	12.7	13.8	46	71	50
RT-230-135-64-K5B	23	6.35	13.5	28	53	200
RT-230-135-64-K5B	23	6.35	13.5	28	53	200
RT-236-114-140-K5B	23.6	14	11.4	80	133	60
RT-236-150-60-K5B	23.6	6.0	15	26	70	72
RT-236-150-114-K5B	23.6	11	15	43	85	100
RT-250-150-80-K5B	25	8	15	38	79	100
RT-250-150-100-K5B	25	10	15	44	87	50
RT-250-150-120-K5B	25	12	15	53	97	60
RT-250-150-150-K5B	25	15	15	61	105	60
RT-254-127-64-K5B	25.4	6.35	12.7	39	80	100
RT-259-128-213-K5B	25.91	21.3	12.8	106	174	40
RT-260-130-127-K5B	26	12.7	13	74	125	50
RT-280-160-75-K5B	28	8	16	33	59	100
RT-280-160-130-K5B	28	13	16	55	100	50
RT-280-160-170-K5B	28	17	16	71	120	50
RT-280-160-200-K5B	28	20.0	16	85	155	40
RT-290-190-75-K5B	29	7.50	19	26	70	100
RT-290-190-77-K5B	29	7.7	19	33	76	50
RT-290-190-138-K5B	29	13.8	19	46	94	40
RT-310-190-70-K5B	31	7	19	35	77	40
RT-310-190-80-K5B	31	8.00	19	30	55	40
RT-310-190-160-K5B	31	16	19	68	115	40
RT-310-190-222-K5B	31	22	19	88	146	32
RT-360-250-70-K5B	36	7.0	25	23	63	36
RT-360-250-127-K5B	36	13	25	39	84	24
RT-406-274-150-K5B	40.6	15	27.4	55	106	18
RT-594-348-128-K5B	59.4	12.8	34.8	58	118	10

Standard Pack sizes may vary

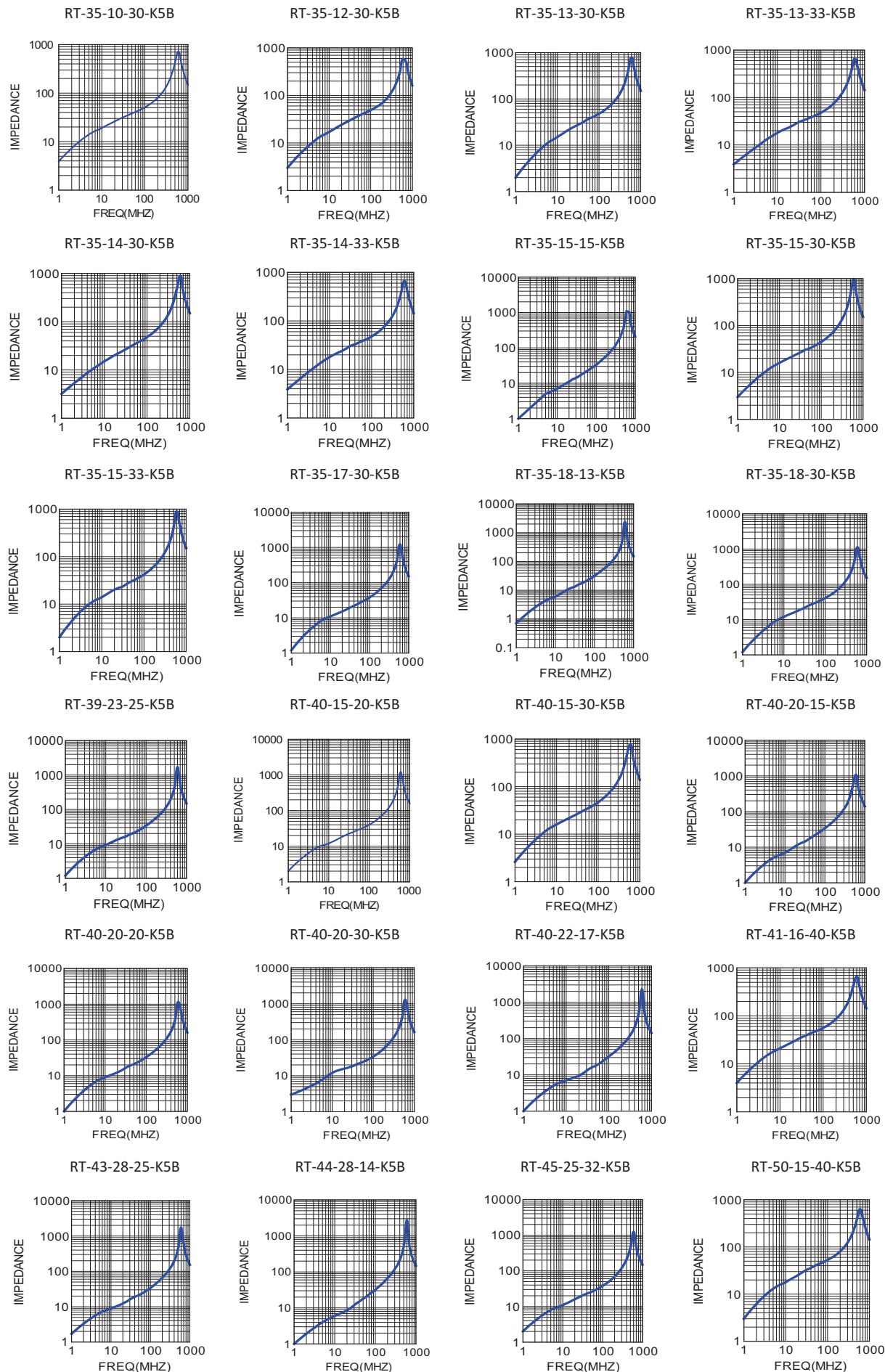


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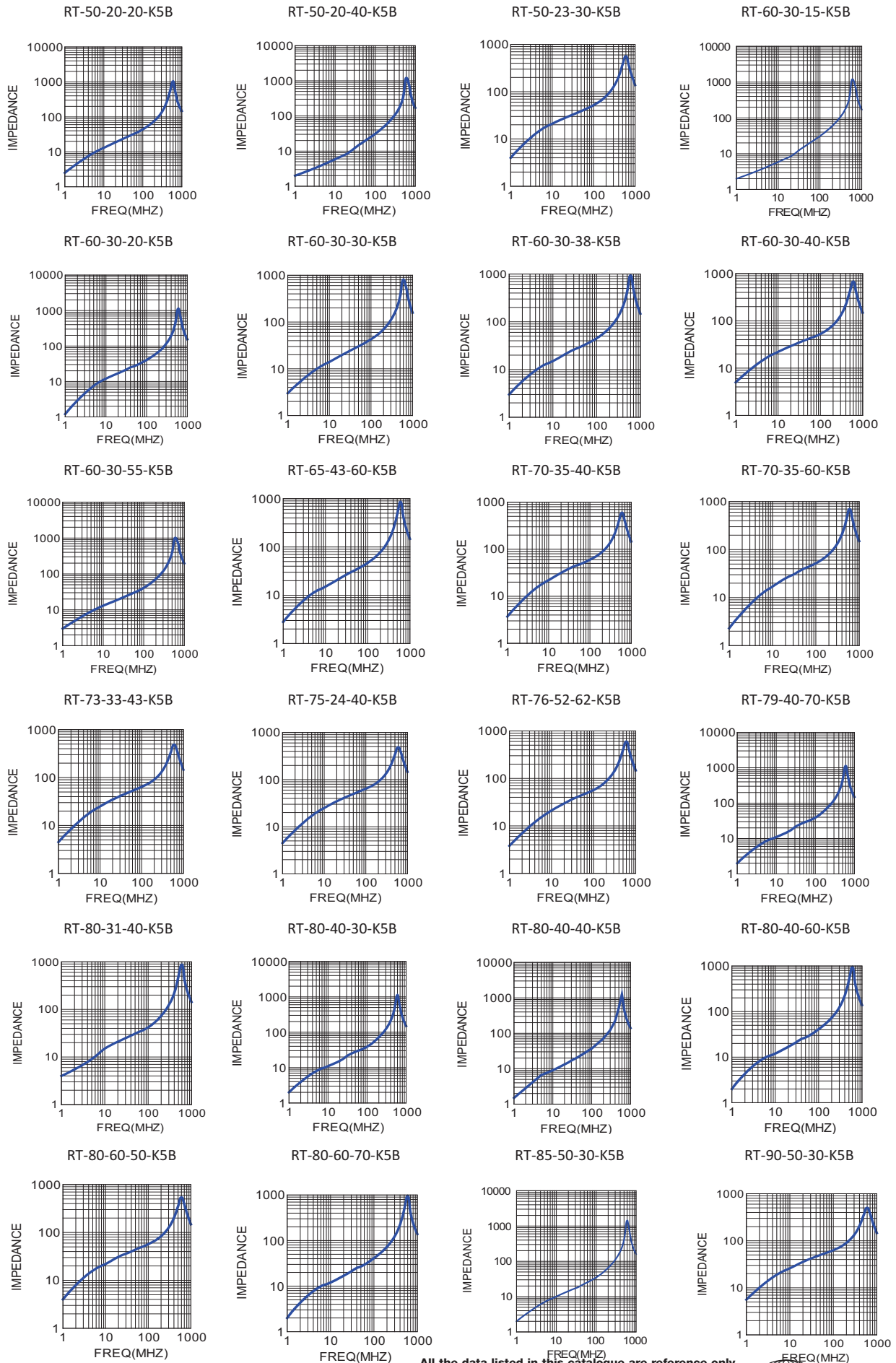


FERRITE CORES – SOLID FERRITE CORES



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FERRITE CORES — SOLID FERRITE CORES

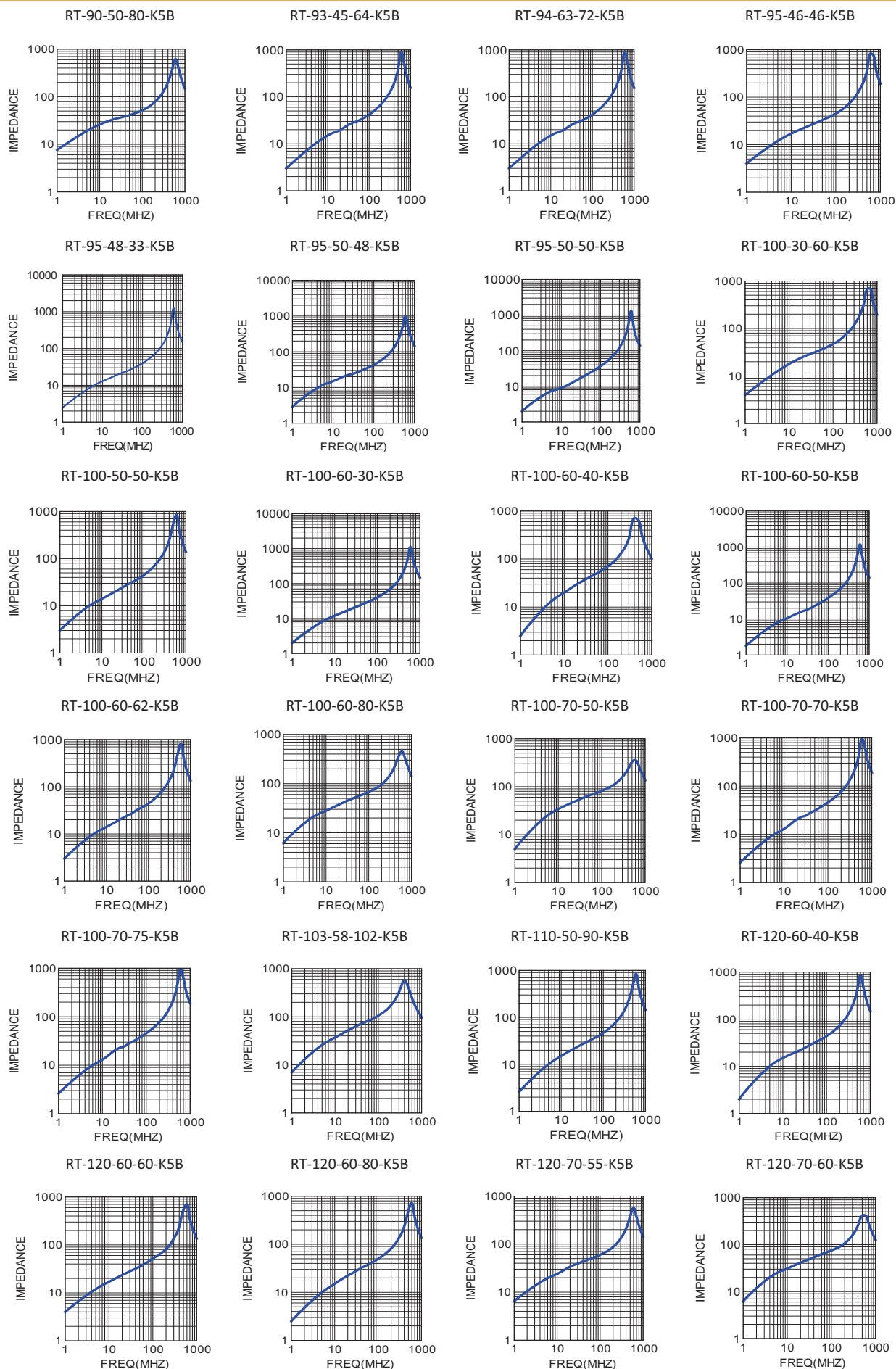


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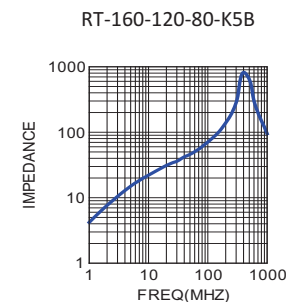
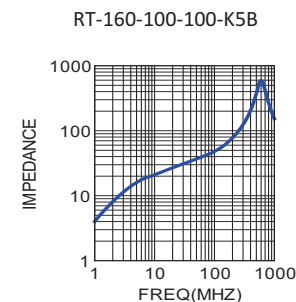
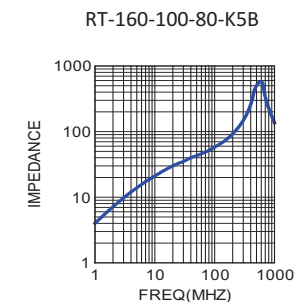
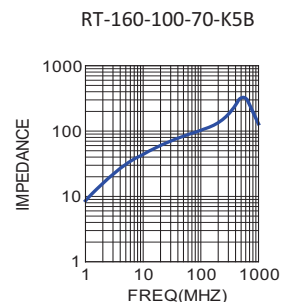
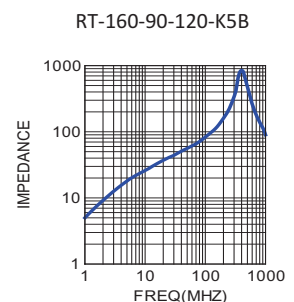
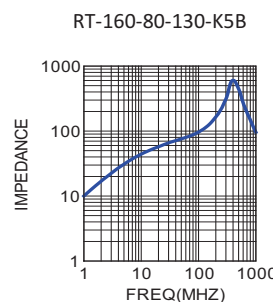
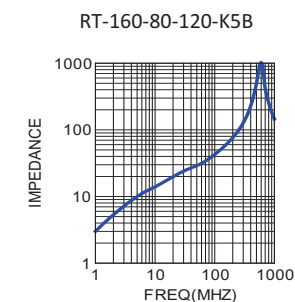
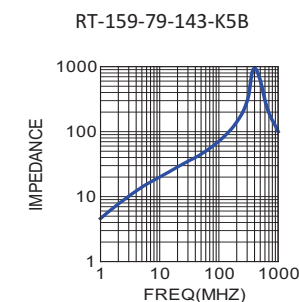
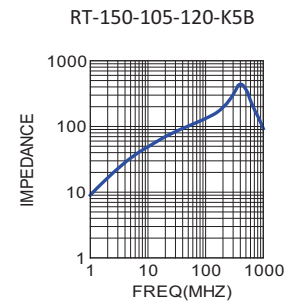
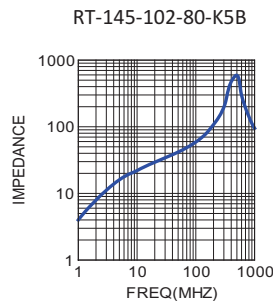
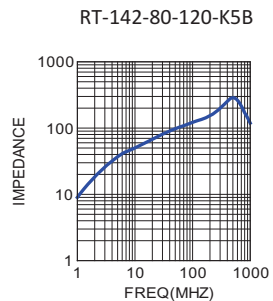
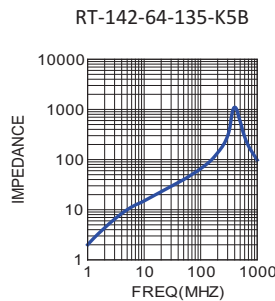
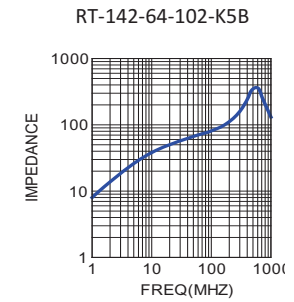
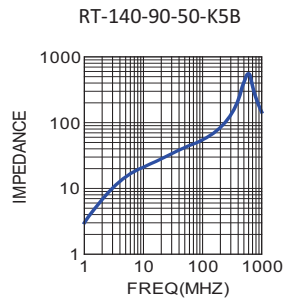
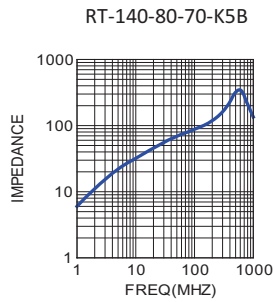
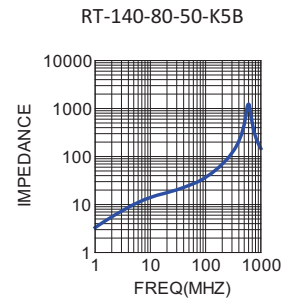
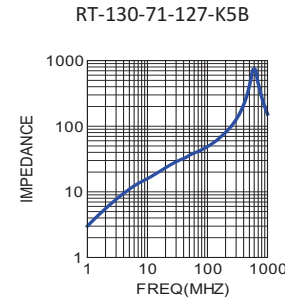
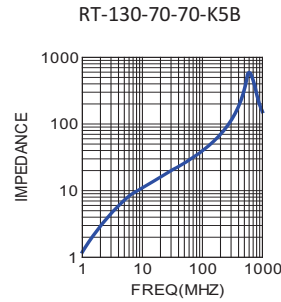
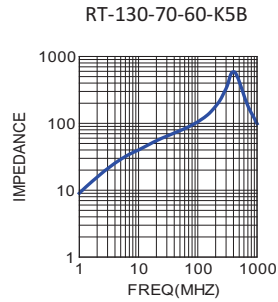
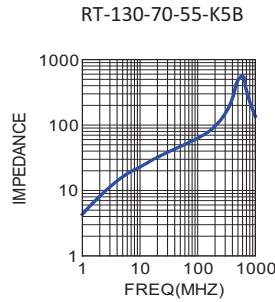
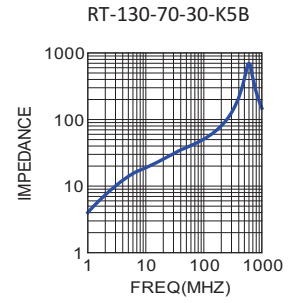
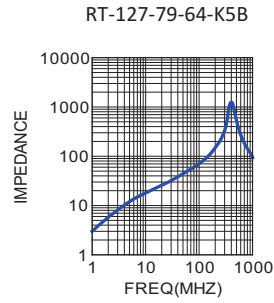
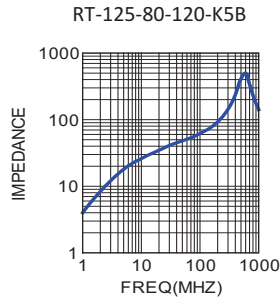
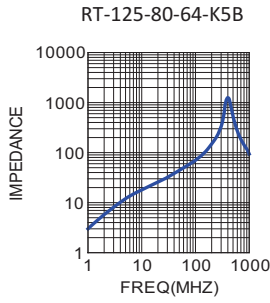


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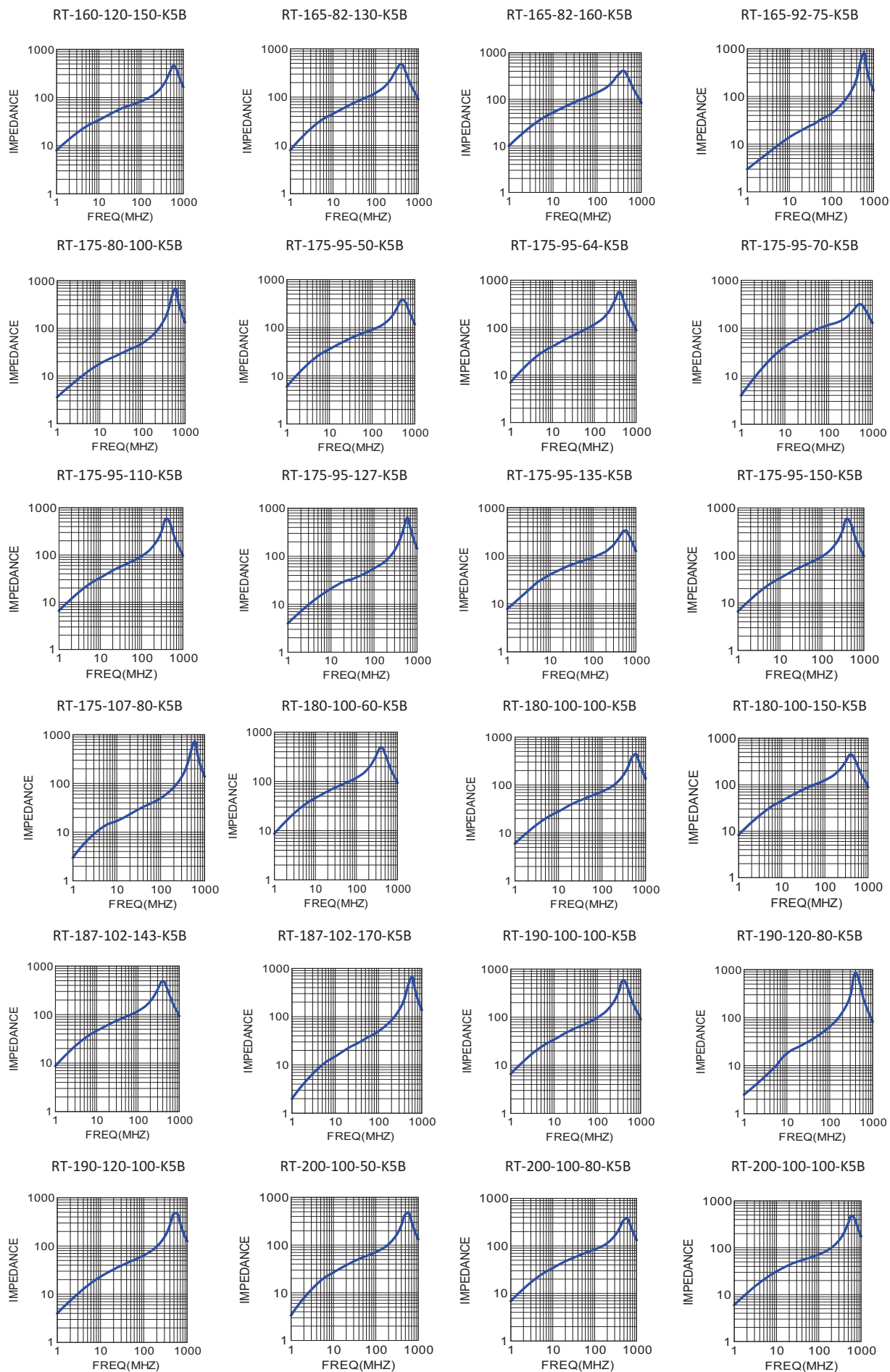


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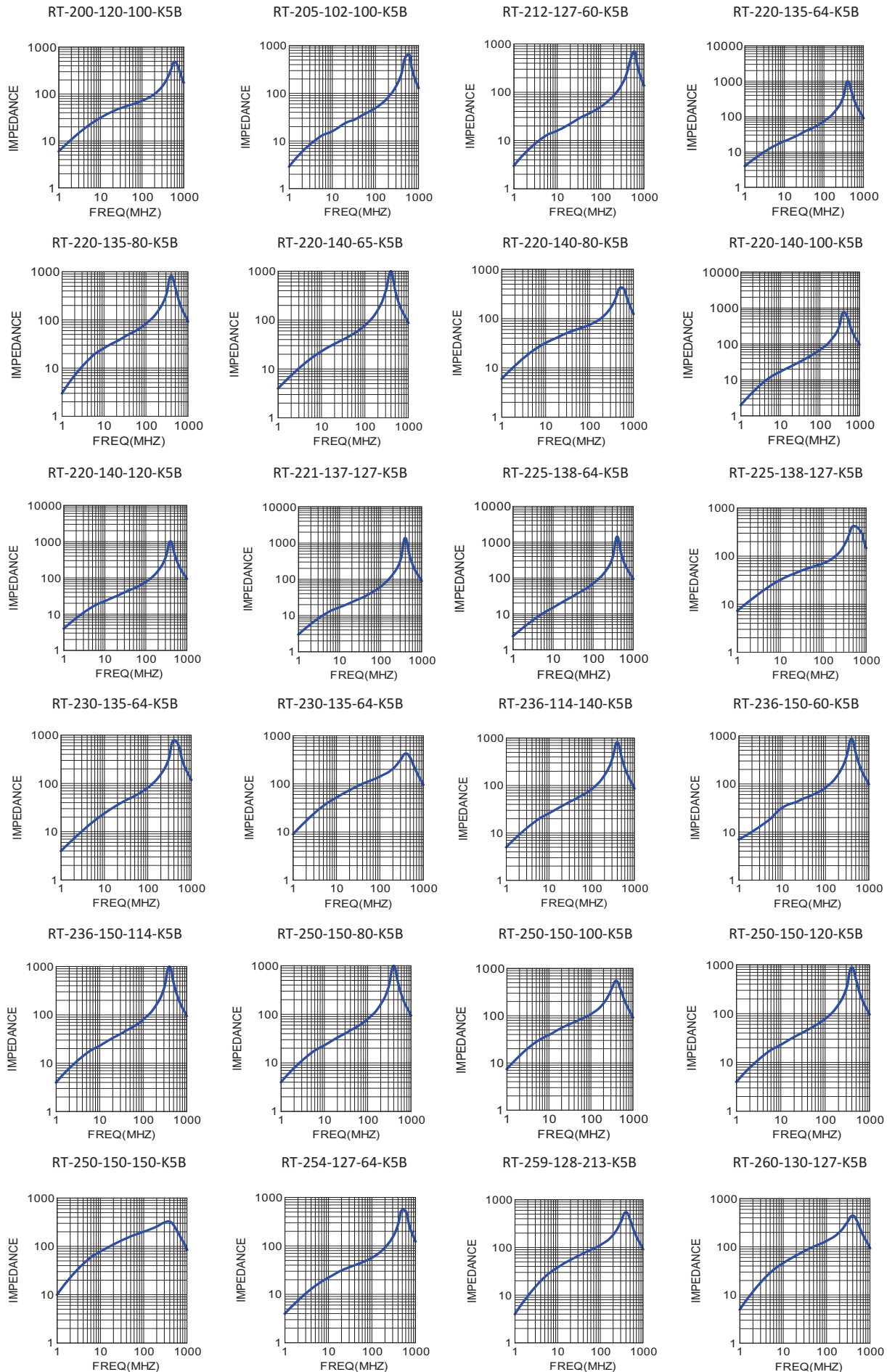


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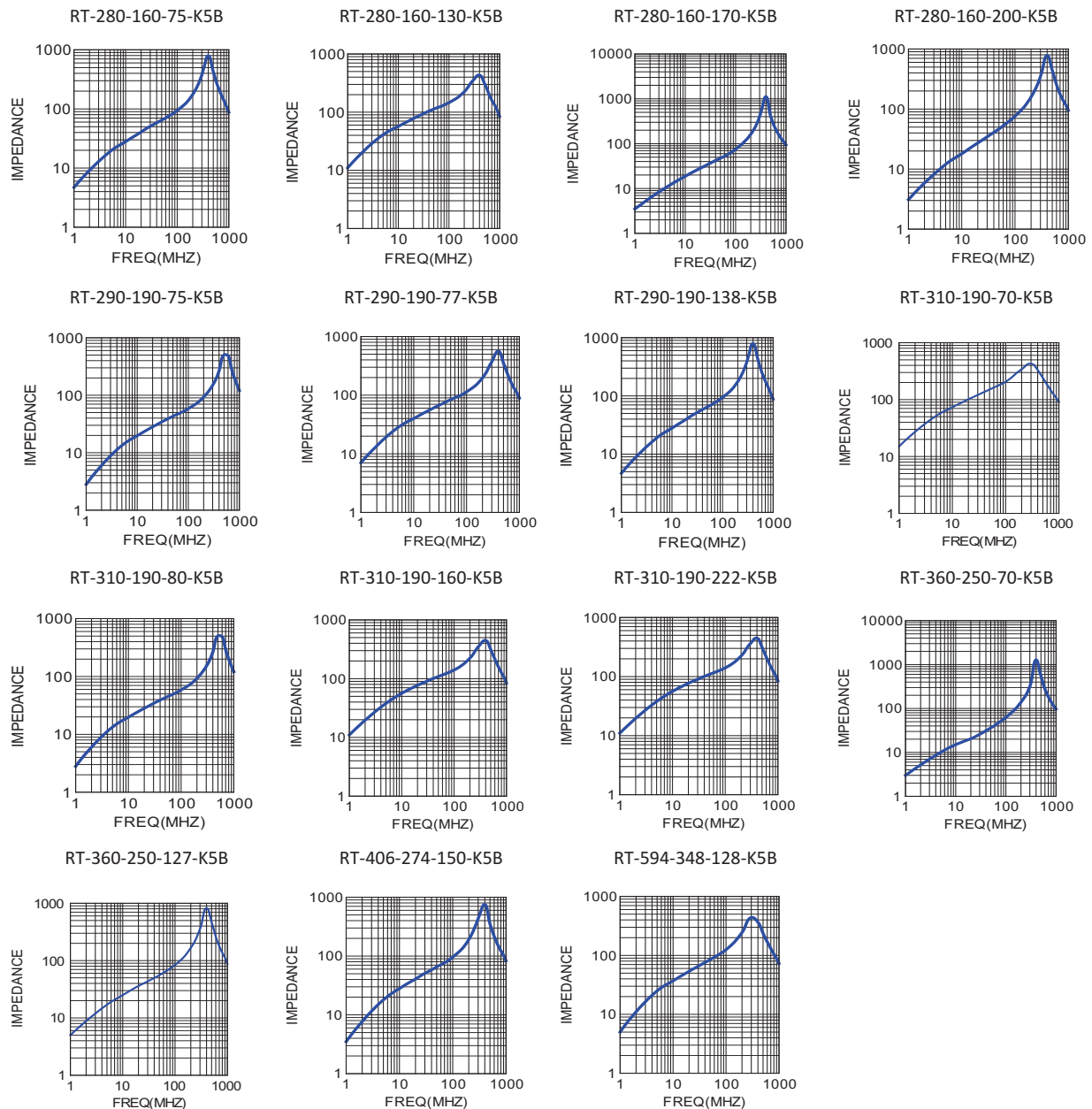
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FERRITE CORES — SOLID FERRITE CORES



Notes

FERRITE CORES – FLAT CABLE SUPPRESSION CORES

RFP

Ribbon Cable Split Cores

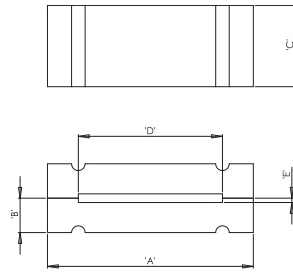


Fig. 1

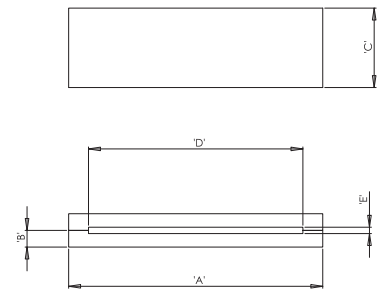
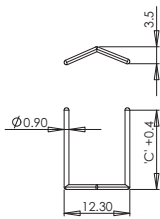
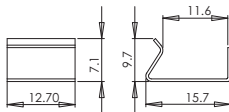


Fig. 2



Spring



Metal Clamp

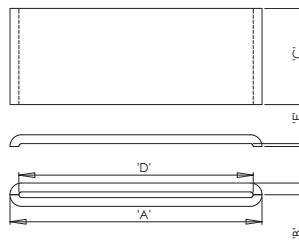


Fig. 3

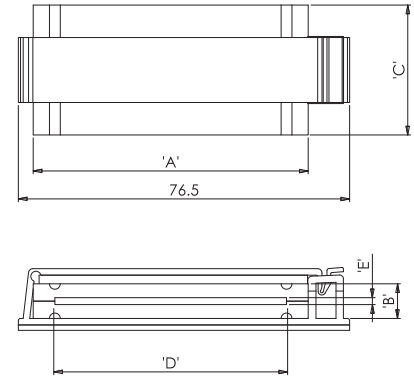


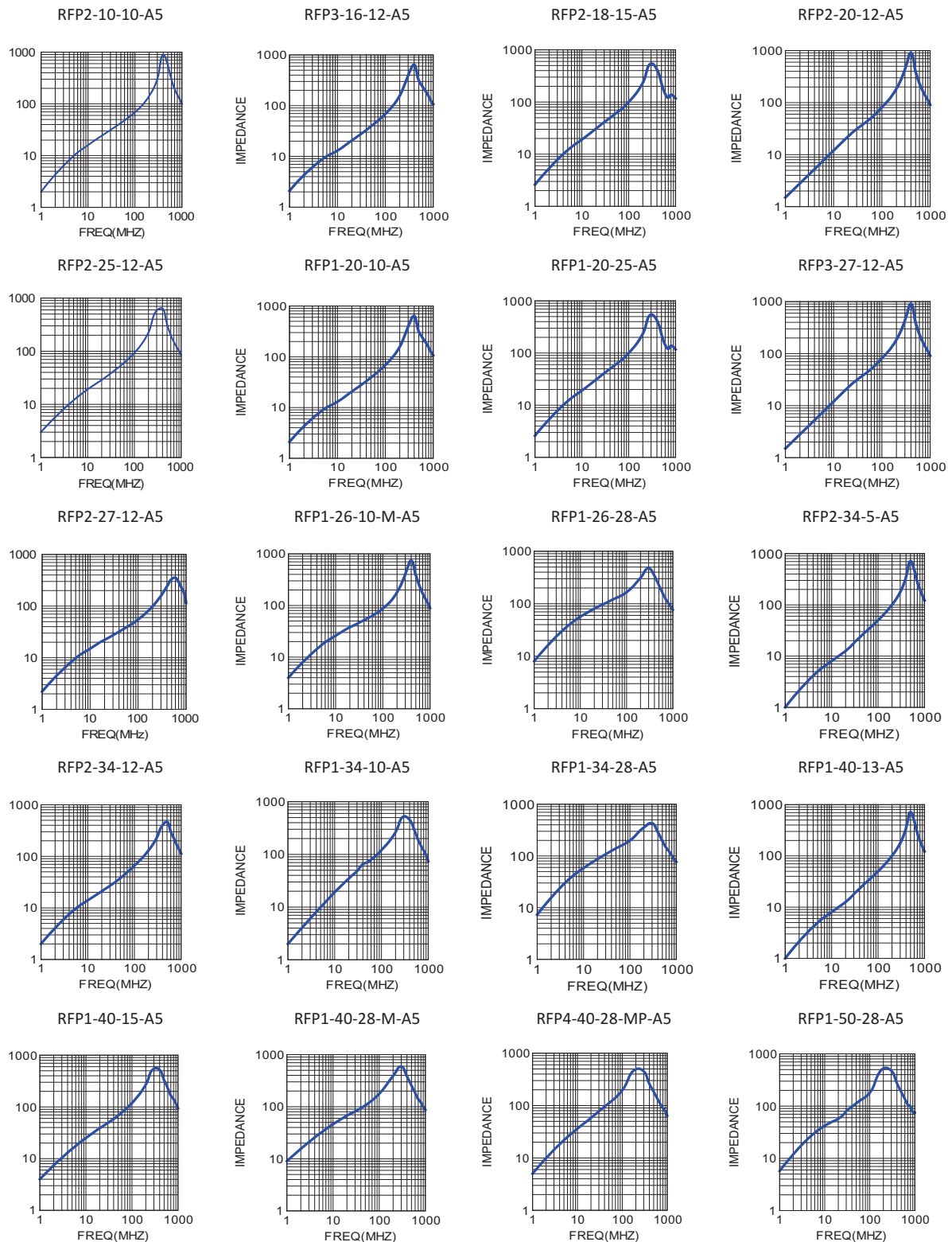
Fig. 4
with Adhesive Base

Ferrite Material: **A5 RMS-303** • Casing Material: Nylon 6/6. **RMS-244** • Metal Clamp & Spring: **RMS-305**

RFP	Fig.	Metal Clip or Spring	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Impedance(Ω)		Standard Pack (Pieces)
								25MHz	100MHz	
RFP2-10-10-A5	2	N/A	16.5	2	10.25	12.5	0.6	27	69	240
RFP3-16-12-A5	2	N/A	25	2.8	12	21	1.1	28	90	144
RFP2-18-15-A5	3	N/A	28.5	2.25	15	23.5	0.42	36	99	385
RFP2-20-12-A5	2	N/A	32	2.1	12	27	0.4	30	87	315
RFP2-25-12-A5	2	N/A	37.1	3.3	12.7	32	0.9	36	106	66
RFP1-20-10-A5	1	SPRING	38	6.35	10	26.6	0.8	45	107	60
RFP1-20-25-A5	1	METAL CLIP	38	6.35	25.4	26.6	0.8	105	175	15
RFP3-27-12-A5	3	N/A	40	2	12	35	0.5	16	73	72
RFP2-27-12-A5	2	N/A	40	3.25	12	35	0.55	27	66	72
RFP1-26-10-M-A5	1	SPRING	45	6.35	10	34.4	0.8	43	110	60
RFP1-26-28-A5	1	METAL CLIP	45	6.35	28.5	34.4	0.8	102	189	15
RFP2-34-5-A5	3	N/A	49.6	3.25	5	44	0.55	15	50	162
RFP2-34-12-A5	3	N/A	49.6	3.25	12	44	0.55	23	70	72
RFP1-34-10-A5	1	SPRING	55.1	6.35	10	43.7	0.8	36	104	40
RFP1-34-28-A5	1	METAL CLIP	55.1	6.35	28.5	43.7	0.8	80	181	10
RFP1-40-13-A5	1	SPRING	63.5	6.35	13	52	1.1	45	114	20
RFP1-40-15-A5	1	SPRING	63.5	6.35	15	52	0.8	50	124	20
RFP1-40-28-M-A5	1	METAL CLIP	63.5	6.35	28.5	52	0.8	77	172	10
RFP4-40-28-MP-A5	4	PLASTIC with adhesive base	63.5	12.7	28.5	52	1.6	77	172	16
RFP1-50-28-A5	1	METAL CLIP	76.2	6.35	28.5	65.3	0.85	70	200	10

Standard Pack sizes may vary

FERRITE CORES – FLAT CABLE SUPPRESSION CORES



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FERRITE CORES – FLAT CABLE SUPPRESSION CORES

RFS Flat Cable Sleeve Cores

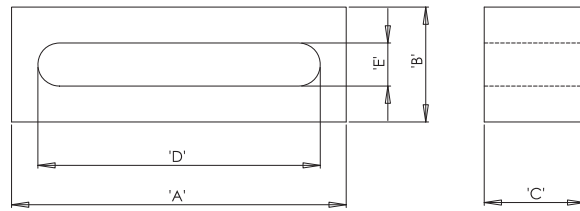


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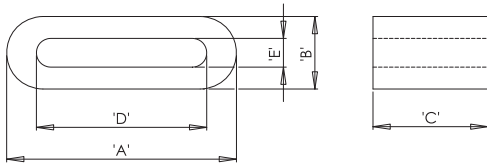


Fig. 2

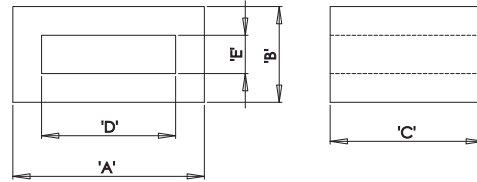


Fig. 3

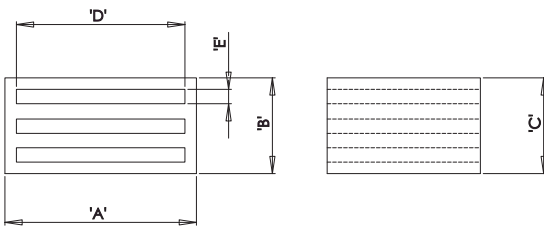


Fig. 4

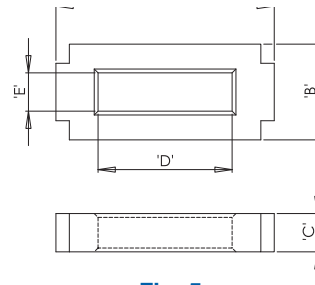


Fig. 5

Ferrite Material: A5-K5B RMS-303

RFS	Fig.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Impedance (Ω)		Standard Pack (Pieces)
							25MHz	100MHz	
RFS3-2-9-K5B	3	5	3	9	3	1	46	74	1000
RFS3-3-9-K5B	3	5.5	3	9	4	1.4	32	57	1000
RFS2-3-9-K5B	3	6.5	3.8	9	4	1.4	41	72	500
RFS3-4-9-A5	3	7.5	5.3	9	5	2.8	32	59	500
RFS3-4-12-A5	3	7.5	5.3	12	5	2.8	42	86	500
RFS2-5-8-A5	3	9.1	5.6	7.8	7.2	3.7	19	41	500
RFS3-5-12-A5	3	9.5	3	12	7.6	0.8	38	79	500
RFS3-6-3-A5	3	10	3.2	3	8	1	13	42	1000
RFS3-6-7-A5	3	10	3.2	7	8	1	25	65	1000
RFS1-6-8-A5	3	10	3.2	8	8	1	28	60	1000
RFS5-7-2-A5	5	13.84	3.94	1.88	9.78	1.52	10	32	2000
RFS2-8-12-A5	2	14.7	2.75	12	11	0.7	28	63	192
RFS2-9-5-A5	2	16	3	5	11.5	0.5	14	40	375
RFS2-9-8-3-A5	2	16	3	8	11.5	0.5	24	68	200
RFS2-9-4-A5	2	16	4	4	11.5	0.5	15	40	450
RFS2-9-6-A5	2	16	5	6	11.5	0.5	20	48	352
RFS2-9-8-A5	2	16	5	8	11.5	0.5	29	72	288
RFS2-9-12-A5	2	16	5	12	11.5	0.5	41	73	160
RFS2-9-12-2-A5	2	16	5	12	11.5	1.2	37	69	160

Standard Pack sizes may vary

PTO

FERRITE CORES – FLAT CABLE SUPPRESSION CORES

Ferrite Material: A5-K5B RMS-303									
RFS	Fig.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Impedance (Ω)		Standard Pack (Pieces)
							25MHz	100MHz	
RFS2-9-15-A5	2	16	5	15	11.5	0.5	50	90	144
RFS2-9-20-A5	2	16	5	20	11.5	0.5	60	120	126
RFS2-11-10-A5	2	18	5	8	14	1	45	164	252
RFS2-11-20-A5	2	18.9	6.5	20	14	1.8	61	123	84
RFS2-11-12-A5	2	19	6.5	12	14	1.8	38	62	144
RFS2-13-15-A5	2	20.5	3.5	15	16.5	0.8	36	97	126
RFS1-15-7-2-A5	1	23.3	2.5	7	20	0.9	14	41	240
RFS1-15-7-A5	1	23.3	3	7	20	0.9	17	45	240
RFS1-15-10-A5	1	23.3	3	10	20	0.9	18	47	168
RFS1-15-12-A5	1	23.3	3	12	20	0.9	23	58	144
RFS1-15-15-A5	1	23.3	3	15	20	0.9	24	59	108
RFS1-14-15-A5	1	23.8	3.2	15	18.7	1.1	27	77	120
RFS2-14-7-A5	2	23.8	6.3	7	18.7	1.1	21	47	240
RFS2-14-13-A5	2	23.8	6.3	12.5	18.7	1.1	46	96	120
RFS2-2-30-A5	2	24	12	30	15	4	120	191	48
RFS2-15-12-A5	2	24.5	5	12	20	0.5	35	70	144
RFS2-15-20-A5	2	24.5	5	20	20	0.5	41	78	84
RFS2-17-20-A5	2	25	3.7	20	22	0.7	43	114	56
RFS2-16-12-A5	2	25.5	3	12	21.5	0.65	27	87	132
RFS1-16-15-A5	1	25.5	4.5	15	21.5	0.65	39	110	144
RFS1-17-15-A5	1	25.5	5	15	21.5	0.65	48	126	108
RFS2-18-8-A5	2	28.5	6.5	8	23.5	0.8	28	65	170
RFS2-18-15-A5	2	28.5	6.5	15	23.5	1	44	91	90
RFS2-18-18-A5	2	28.5	6.5	18	23.5	1	55	127	80
RFS2-18-10-A5	2	28.6	7.7	10	23.5	1.7	31	71	140
RFS2-22-8-A5	2	31	3	8	27	1	13	42	160
RFS2-22-12-A5	2	31	3	12	27	1	19	56	110
RFS2-22-20-A5	2	31	4	20	27	0.7	42	121	60
RFS2-22-9-A5	2	31	5	9	27	1	29	88	150
RFS2-20-12-A5	2	31	5	12	27	1	28	75	110
RFS2-21-18-A5	2	31	5	18	27	1	34	94	70
RFS2-21-25-A5	2	32	4	25	27	0.7	51	142	36
RFS2-22-25-A5	2	32	6	25	28	0.85	59	146	36
RFS4-21-16-A5	4	32	11.8	16	27	1	76	188	80
RFS2-21-8-A5	2	33.5	6.5	8	27	1.3	21	53	136
RFS2-21-10-A5	2	33.5	6.5	10	27	1.3	26	57	84
RFS2-21-12-A5	2	33.5	6.5	12	27	1.3	30	66	70
RFS2-21-15-A5	2	33.5	6.5	15	27	1.3	36	78	72
RFS2-21-20-A5	2	33.5	6.5	20	27	1.3	58	149	56
RFS2-24-18-A5	2	36	6.5	18	31	0.6	52	147	64
RFS2-24-8-A5	2	36	7.5	8	31	1	29	79	48
RFS2-24-20-A5	2	36	7.5	20	31	1	54	122	32
RFS2-24-30-A5	2	36	7.5	30	31	1	72	174	32
RFS2-24-36-A5	2	36	7.5	36	31	1	92	192	24
RFS2-25-12-A5	2	36	5	12	32.4	0.8	29	88	96
RFS2-26-12-A5	2	38.5	4	12	35	0.8	25	68	72
RFS2-26-15-A5	2	38.5	4	15	35	0.8	31	100	56
RFS1-20-25-A5	1	38.53	12.06	25.4	26.77	1.9	100	180	30
RFS2-27-6-A5	2	40	6.5	6	35	1.3	16	45	144
RFS2-27-8-A5	2	40	6.5	8	35	1.3	23	58	96
RFS2-27-10-A5	2	40	6.5	10	35	1.3	25	64	84
RFS2-27-12-A5	2	40	6.5	12	35	1.3	28	69	72
RFS2-27-12-2-A5	2	40	6.5	12	35	2	24	59	72
RFS2-27-15-A5	2	40	6.5	15	35	1.3	32	85	54
RFS2-27-18-A5	2	40	6.5	18	35	1.3	36	98	48
RFS2-27-20-A5	2	40	6.5	20	35	1.3	41	105	42
RFS3-4-5-A5	3	40	11.4	5	32	7.4	12	36	96
RFS1-27-18-A5	1	41	12.5	18	34.4	1.5	60	136	24
RFS3-27-18-A5	3	45	12.7	18	35	1.8	51	114	42
Standard Pack sizes may vary									

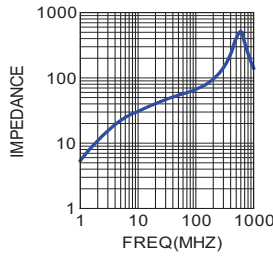
FERRITE CORES – FLAT CABLE SUPPRESSION CORES

Ferrite Material: **A5-K5B RMS-303**

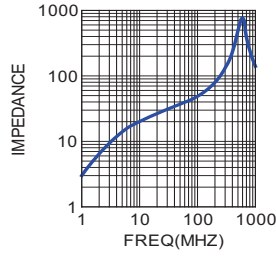
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							25MHz	100MHz	
RFS3-27-10-A5	3	45	12.7	10	35	1.8	39	89	48
RFS1-27-28-A5	1	45.1	12.5	28.5	34.4	1.5	95	195	24
RFS2-30-12-A5	2	45.2	6.5	12	40	1.3	27	70	72
RFS2-30-15-A5	2	45.2	6.5	15	40	1.3	31	70	54
RFS2-34-8-A5	2	49.6	6.5	8	44	1.3	17	50	96
RFS2-34-12-A5	2	49.6	6.5	12	44	1.3	25	66	72
RFS2-34-15-A5	2	49.6	6.5	15	44	1.3	31	94	54
RFS2-34-12-2-A5	2	49.6	7	12	44	1.8	25	66	66
RFS2-35-12-A5	2	50	6.5	12	44.9	1.4	23	62	72
RFS2-40-12-A5	2	57.6	6.5	12	52	1.3	25	75	48
RFS2-40-20-A5	2	58.6	7.5	20	52	1.3	43	119	30
RFS1-38-13-A5	1	60	12	12.7	48.5	2.2	40	95	30
RFS2-43-12-A5	2	60.6	6.50	12	55.2	1.3	28	92	48

Standard Pack sizes may vary

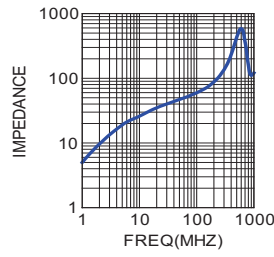
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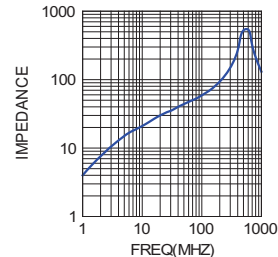
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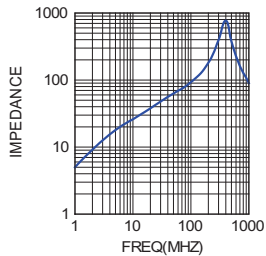
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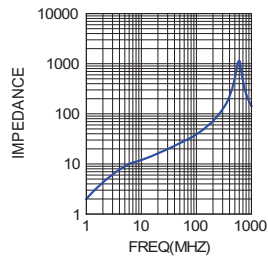
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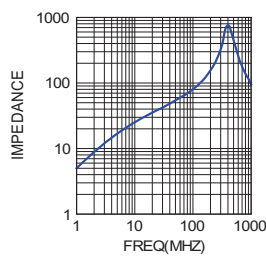
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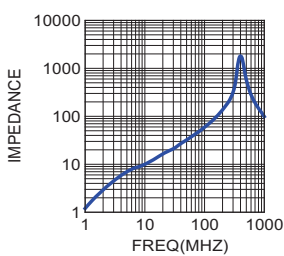
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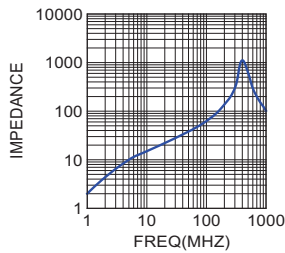
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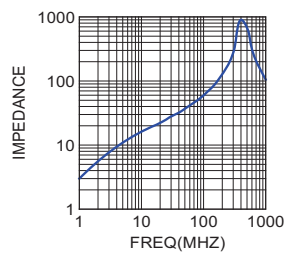
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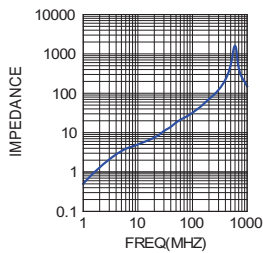
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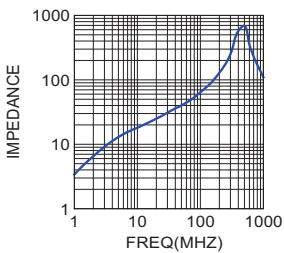
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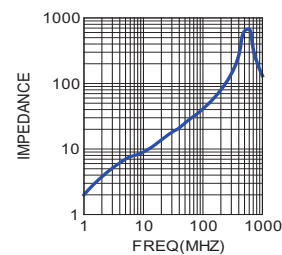
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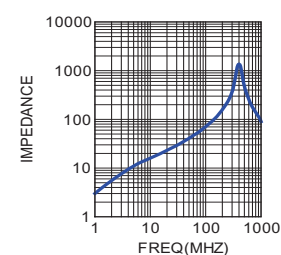
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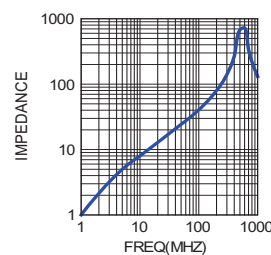
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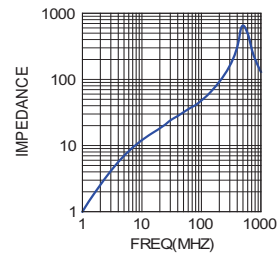
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RFS2-9-4-A5



RFS2-9-6-A5



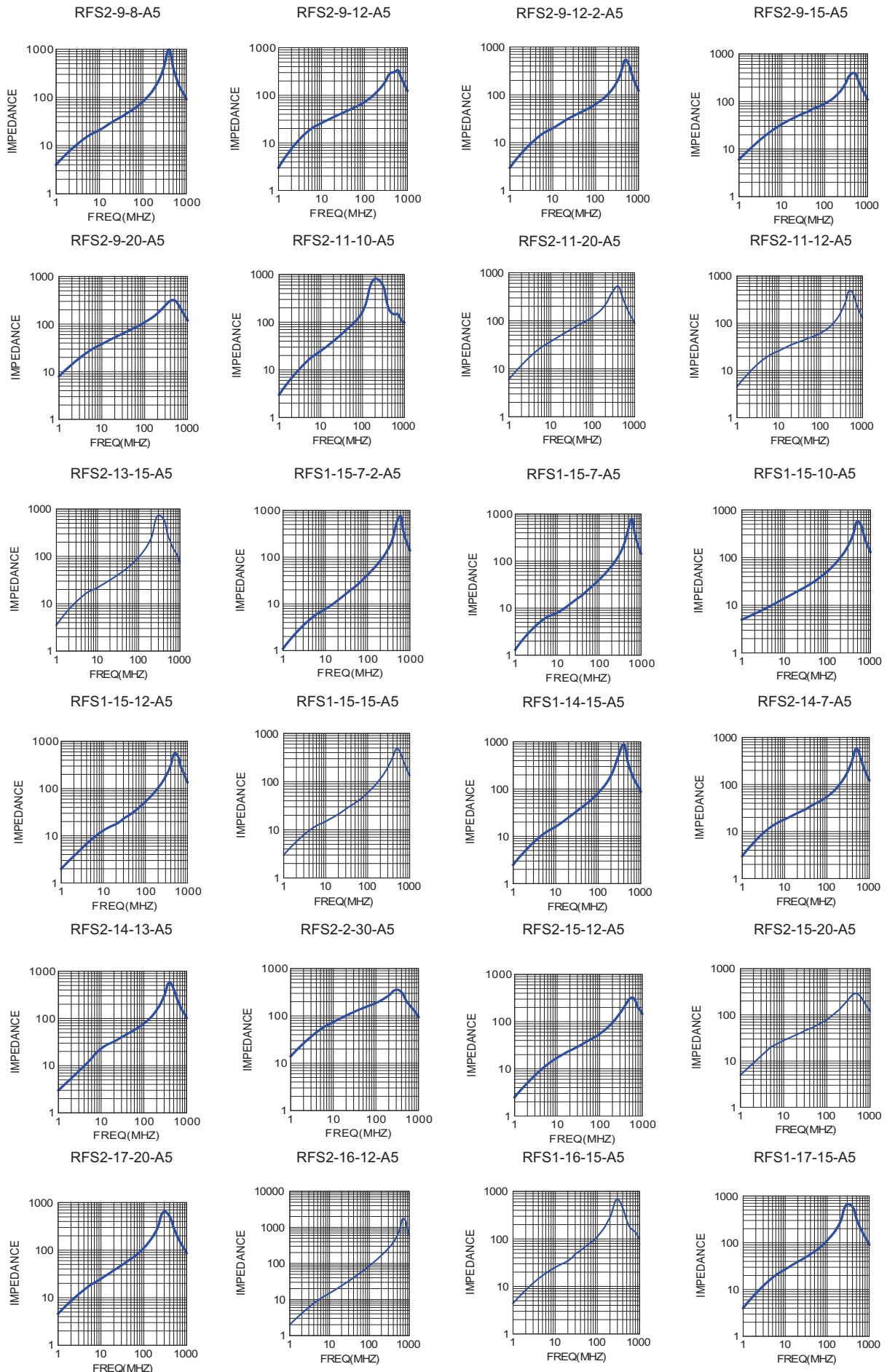
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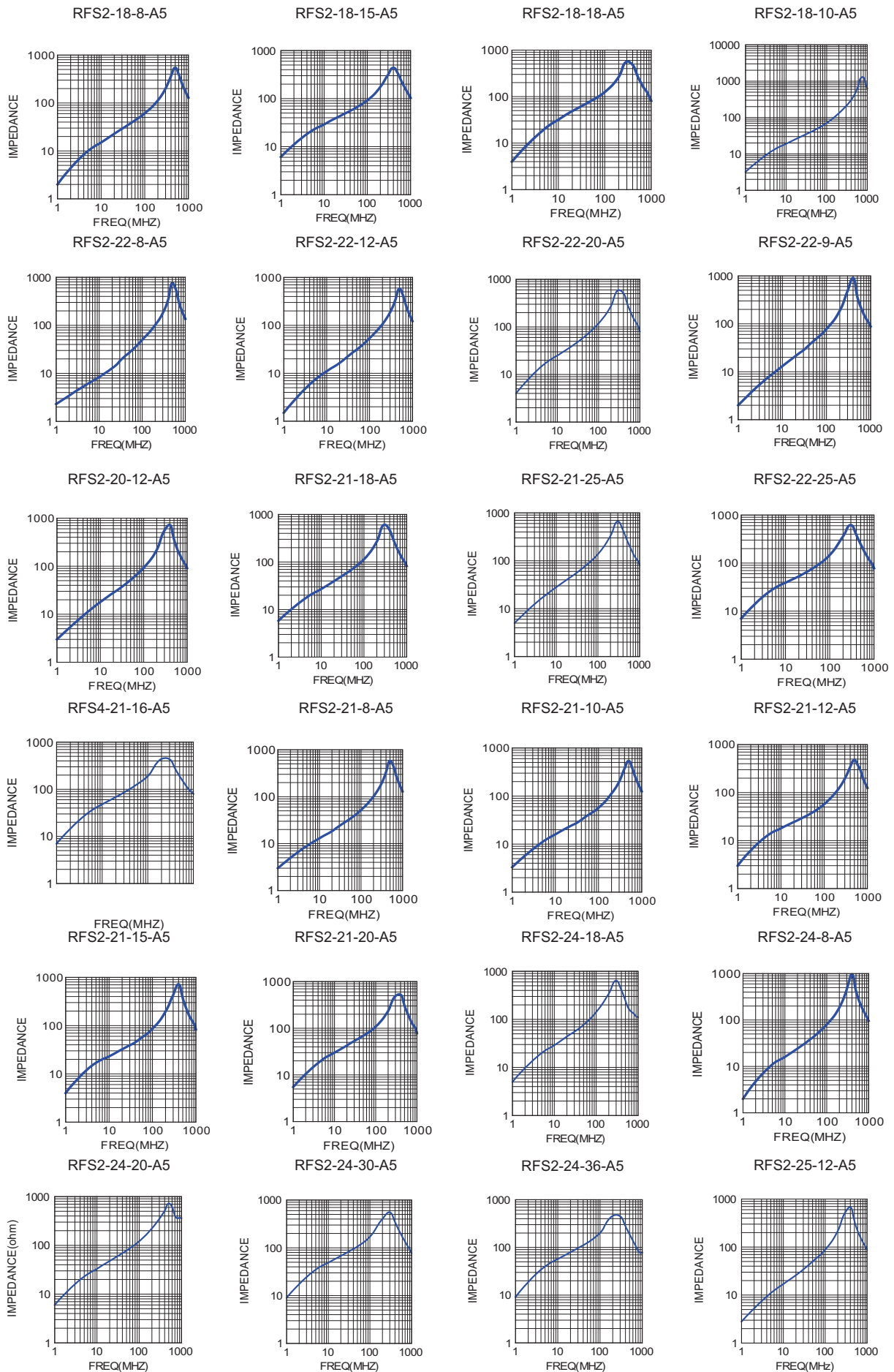


FERRITE CORES — FLAT CABLE SUPPRESSION CORES



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FERRITE CORES – FLAT CABLE SUPPRESSION CORES



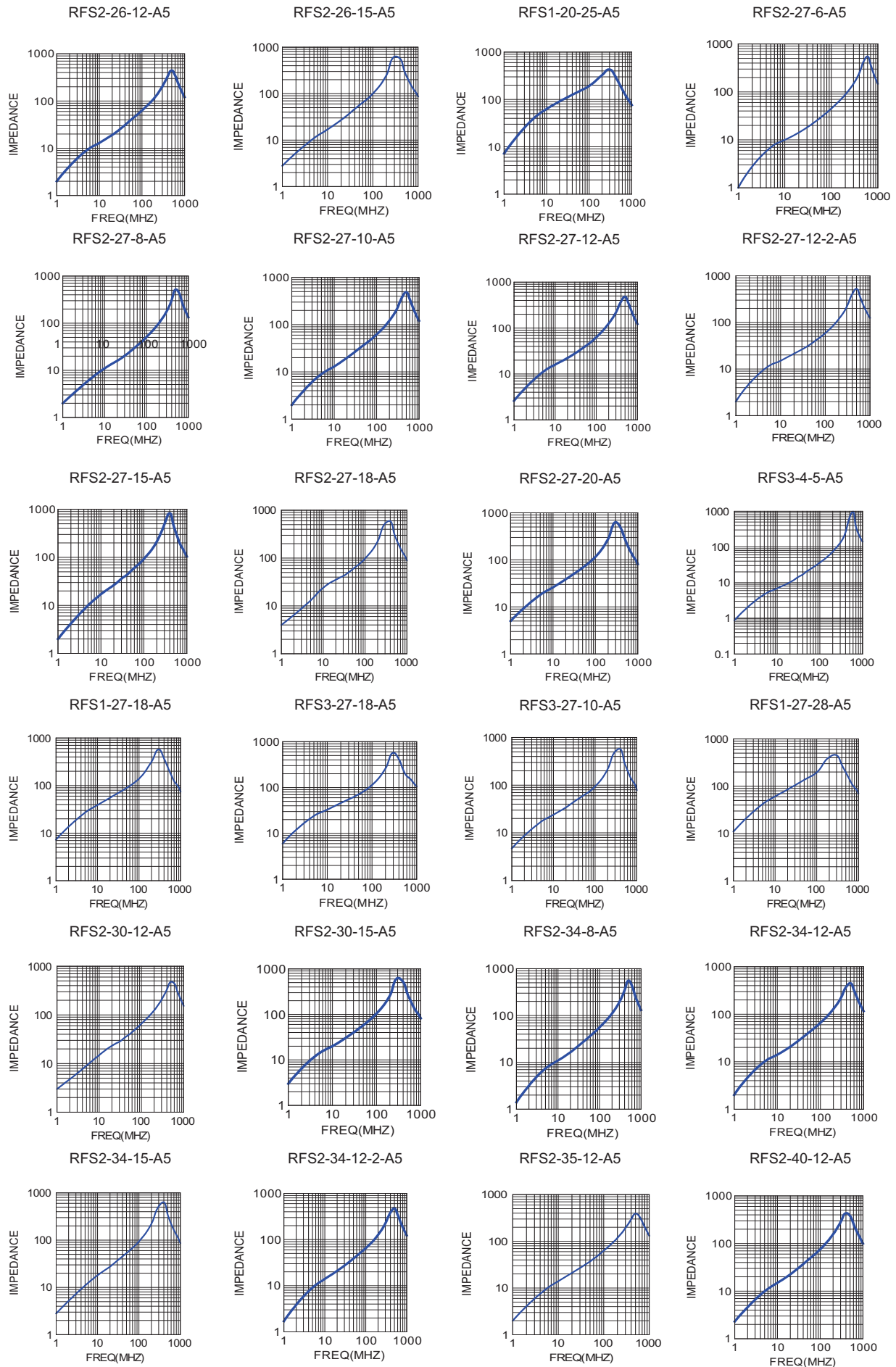
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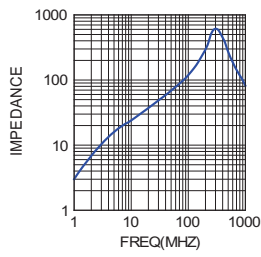
FERRITE CORES – FLAT CABLE SUPPRESSION CORES



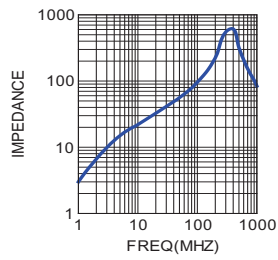
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FERRITE CORES – FLAT CABLE SUPPRESSION CORES

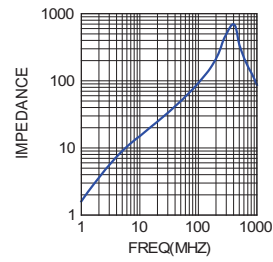
RFS2-40-20-A5



RFS1-38-13-A5



RFS2-43-12-A5



Notes

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FERRITE CORES – CONNECTOR SUPPRESSOR ELEMENTS

RSH

Multiline Suppressor Beads

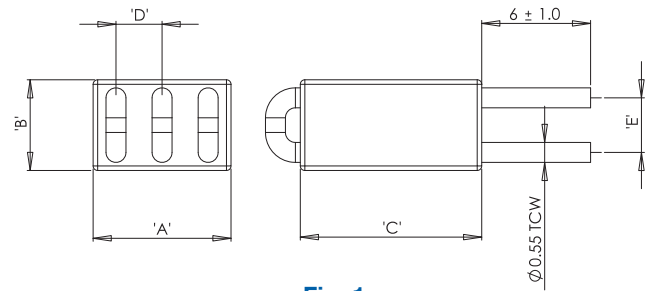


Fig. 1

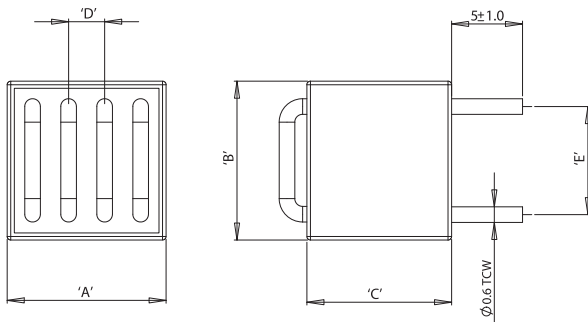


Fig. 2

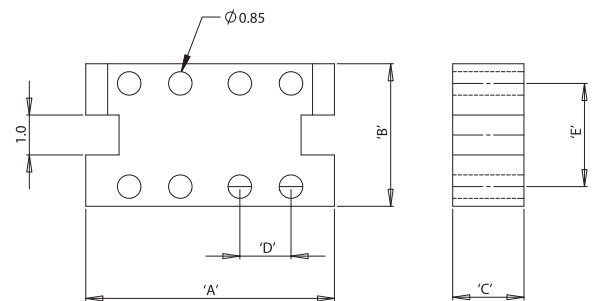


Fig. 3

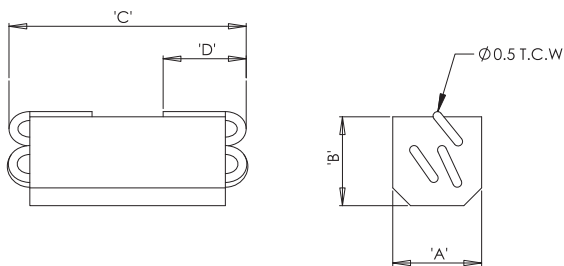


Fig. 4

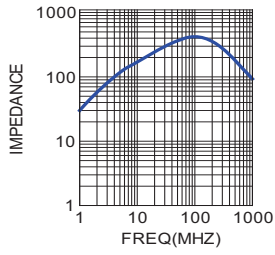
Ferrite Material: **A5 RMS-303** • Wire: **RMS-307** • Glue: **RMS-301**

RSH	Fig.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Impedance (Ω)		Standard Pack (Pieces)
							25MHz	100MHz	
RSH5-50-55-46-K5B	4	5	5	8	2	-	289	416	1000
RSH5-50-85-46-K5B	4	5	5	11	3.5	-	437	592	1000
RSH6-76-80-50-A5	1	7.6	5	8	2.54	2.54	119	189	200
RSH6-76-100-50-A5	1	7.6	5	10	2.54	2.54	171	263	200
RSH8-102-26-60-A5	3	10.6	6	2.6	2.54	2.54	48	73	1000
RSH8-112-102-112-A5	2	11.2	11.2	10.2	2.54	7.62	236	383	280

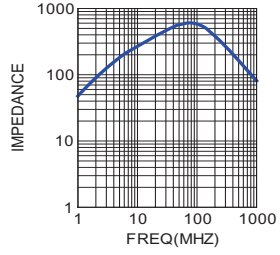
Standard Pack sizes may vary

FERRITE CORES – CONNECTOR SUPPRESSOR ELEMENTS

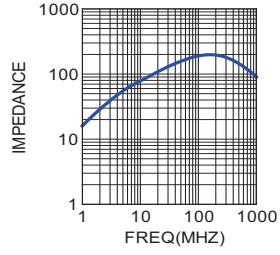
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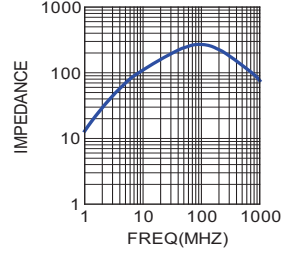
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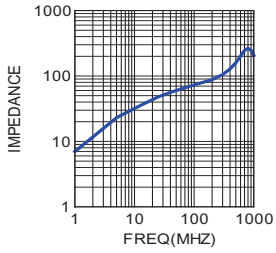
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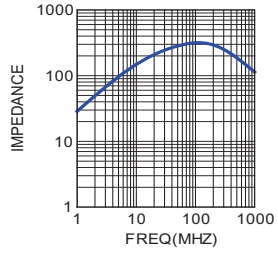
RSH6-76-100-50-A5



RSH8-102-26-60-A5



RSH8-112-102-112-A5



Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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FERRITE CORES – BEAD CORES, WIDE BAND CHOKE

RRHL Axial Type

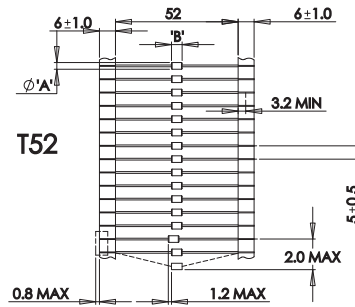
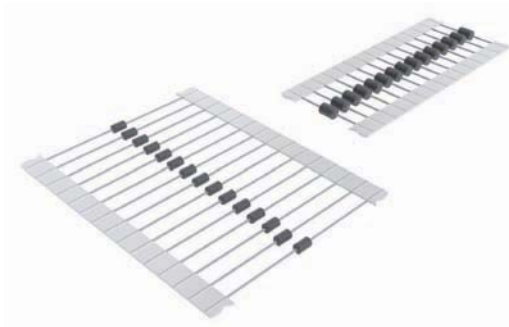


Fig. 1

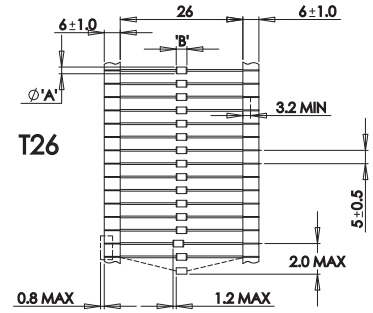
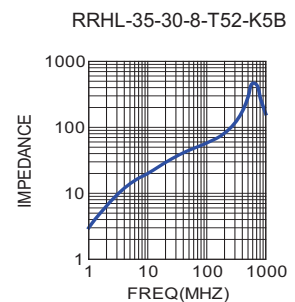
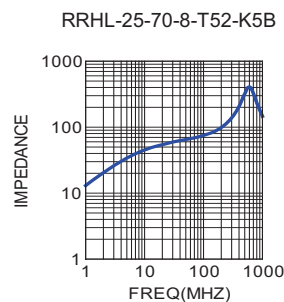
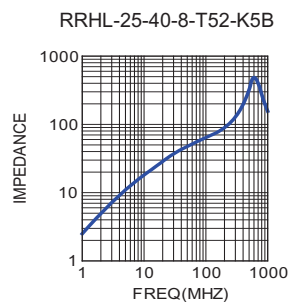
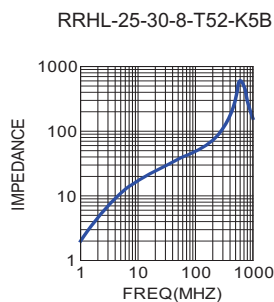


Fig. 2

Ferrite Material: **K5B RMS-303** • Glue **RMS-301** • Wire **RMS-308**

RRHL AXIAL	Fig.	A (mm)	B (mm)	Impedance (Ω)		Standard Pack (Pieces)
				25MHz	100MHz	
RRHL-25-30-8-T52-K5B	1	2.5	3	27	47	5000
RRHL-25-40-8-T52-K5B	1	2.5	4	32	51	5000
RRHL-25-70-8-T52-K5B	1	2.5	7	56	89	5000
RRHL-35-30-8-T52-K5B	1	3.5	3	33	59	5000
RRHL-35-32-8-T52-K5B	1	3.5	3.2	31	57	5000
RRHL-35-35-8-T52-K5B	1	3.5	3.5	37	63	5000
RRHL-35-45-8-T26-K5B	2	3.5	4.5	39	76	1000
RRHL-35-45-8-T52-K5B	1	3.5	4.5	47	76	5000
RRHL-35-47-8-T26-K5B	2	3.5	4.7	46	72	2000
RRHL-35-47-8-T52-K5B	1	3.5	4.7	49	79	5000
RRHL-35-50-8-T26-K5B	2	3.5	5	47	72	2000
RRHL-35-50-8-T52-K5B	1	3.5	5	50	85	5000
RRHL-35-60-8-T26-K5B	2	3.5	6	55	84	2000
RRHL-35-60-8-T52-K5B	1	3.5	6	57	84	5000
RRHL-35-67-8-T52-K5B	1	3.5	6.7	65	99	5000
RRHL-35-75-8-T52-K5B	1	3.5	7.5	68	113	5000
RRHL-35-80-8-T26-K5B	2	3.5	8	70	125	1000
RRHL-35-80-8-T52-K5B	1	3.5	8	88	138	5000
RRHL-35-83-8-T52-K5B	1	3.5	8.3	74	131	5000
RRHL-35-90-8-T26-K5B	2	3.5	9	85	150	1000
RRHL-35-90-8-T52-K5B	1	3.5	9	92	140	5000
RRHL-35-95-8-T52-K5B	1	3.5	9.5	92	141	5000
RRHL-35-100-8-T52-K5B	1	3.5	10	99	157	5000
RRHL-35-114-8-T52-K5B	1	3.5	11.4	105	165	5000
RRHL-35-140-8-T52-K5B	1	3.5	14	144	212	5000

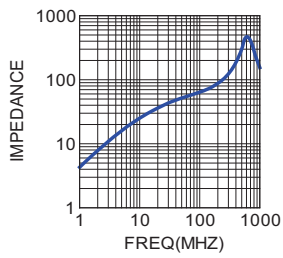
Standard Pack sizes may vary



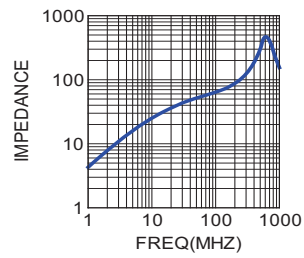
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FERRITE CORES – BEAD CORES, WIDE BAND CHOKE

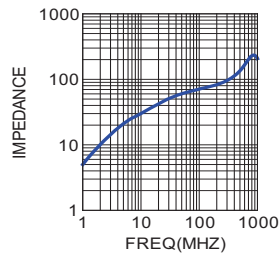
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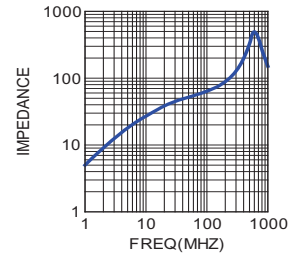
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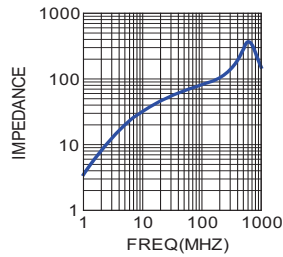
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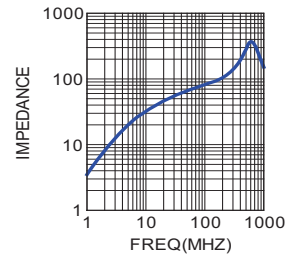
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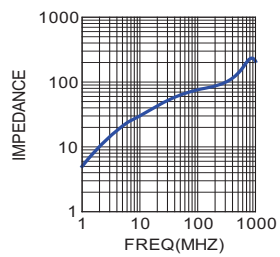
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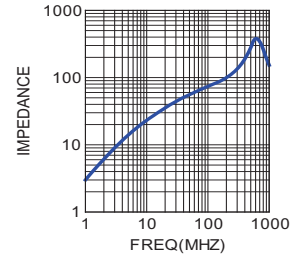
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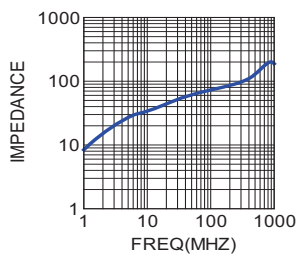
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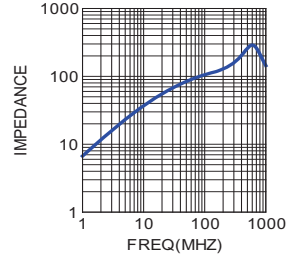
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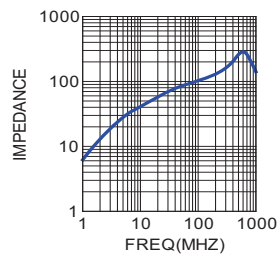
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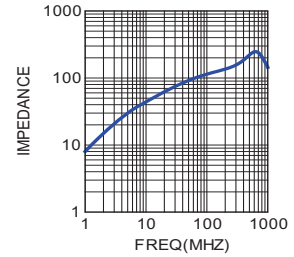
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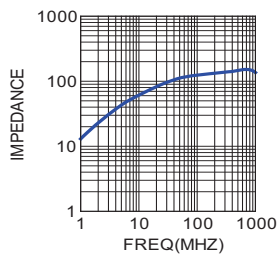
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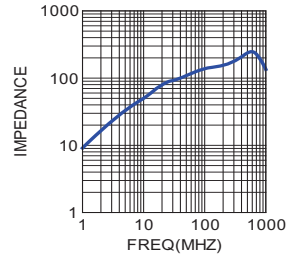
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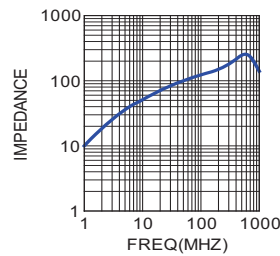
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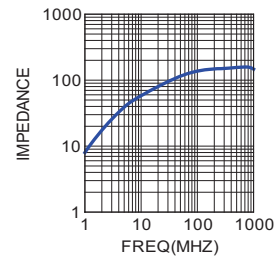
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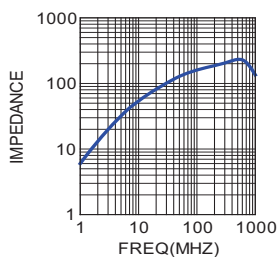
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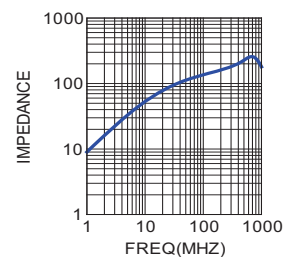
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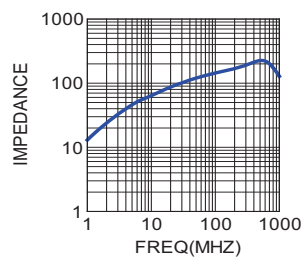
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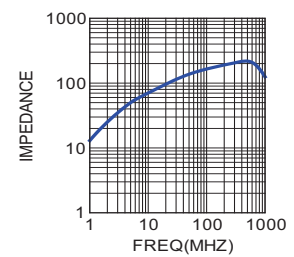
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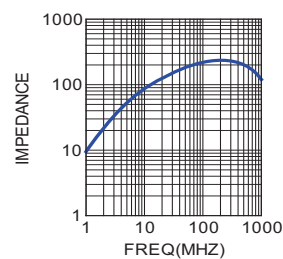
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RRHL-35-114-8-T52-K5B



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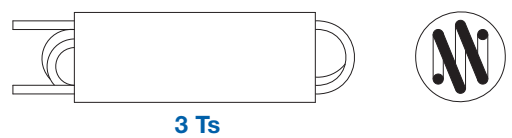
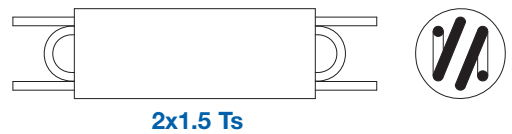
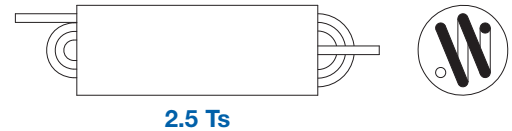
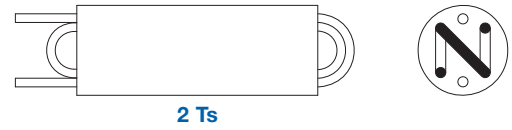
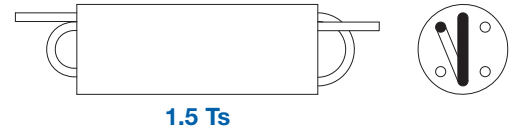
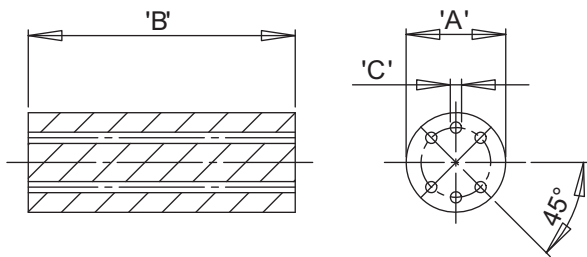
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FERRITE CORES – BEAD CORES, WIDE BAND CHOKE

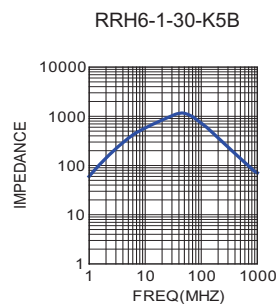
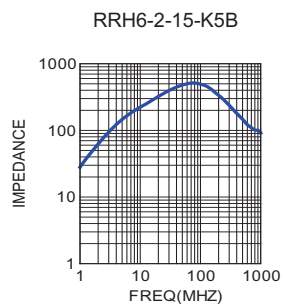
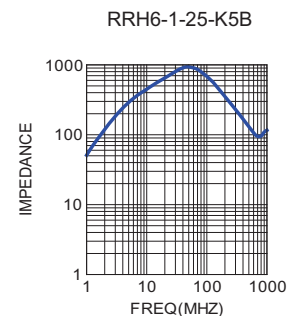
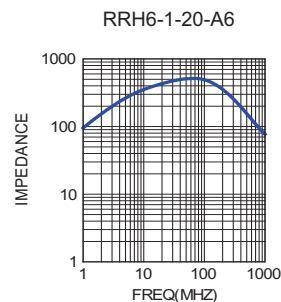
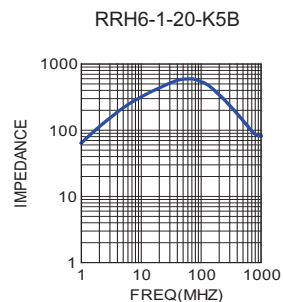
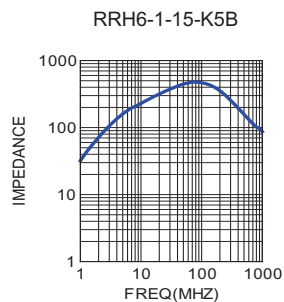
RRH6 Wound Beads



Ferrite Material: **K5B - A6 RMS-303** • Glue **RMS-301** • Wires **RMS-306**

RRH6 & RRH8	A (mm)	B (mm)	C (mm)	Impedance (Ω)		Standard Pack (Pieces)	Number of Turns
				25MHz	100MHz		
RRH6-1-15-K5B	6	10	0.85	390	460	500	1.5
RRH6-1-20-K5B	6	10	0.85	510	580	500	2
RRH6-1-20-A6	6	10	0.85	450	486	500	2
RRH6-1-25-K5B	6	10	0.85	690	680	500	2.5
RRH6-2-15-K5B	6	10	0.85	340	450	500	2x1.5
RRH6-1-30-K5B	6	10	0.85	860	750	500	3

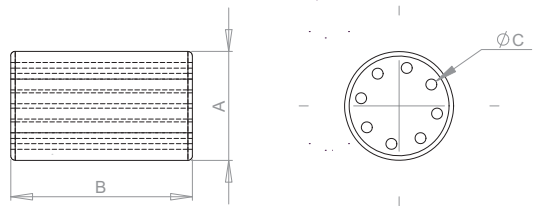
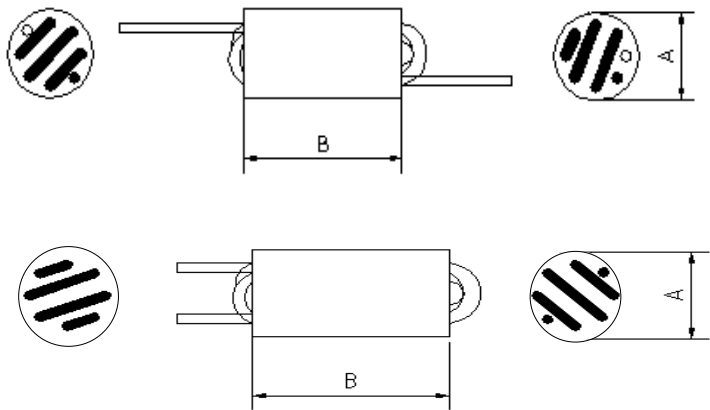
Standard Pack sizes may vary



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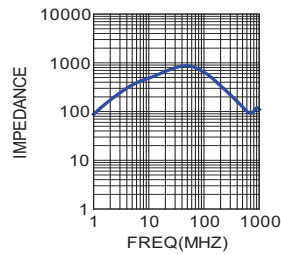
FERRITE CORES – BEAD CORES, WIDE BAND CHOKE, PLATE CORE

RRH8
Wound Beads

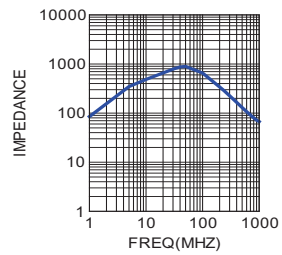


Ferrite Material: K5B RMS-303 • Glue RMS-301 • Wires RMS-306							
RRH8	A (mm)	B (mm)	C (mm)	Impedance (Ω)		Standard Pack (Pieces)	Number of Turns
				25MHz	100MHz		
RRH8-2-35-K5B	5.2	10	0.85	726	667	500	3.5
RRH8-2-40-K5B	5.2	10	0.85	754	680	500	4
Standard Pack sizes may vary							

RRH8-2-35-K5B



RRH8-2-40-K5B



Notes

RMS SPECIFICATIONS

Raw Material Information

UL® File Number & UL® Yellow Cards

Underwriter's Laboratories Inc. (UL®), plastics classification number is used to describe the performance of the material. Tests conducted by UL® may include the determination of material flammability (burning characteristics), ignition characteristics from various thermal and electrical sources, electrical tracking and other electrical characteristics, physical and mechanical characteristics, and analytical tests. In addition, the effect of long-term exposure to elevated temperature (air-oven aging), water, ultraviolet light, cold, etc. on property-retention may be evaluated.

For more information and to download the UL® Yellow Card for a Richco product, please visit www.ul.com and click on "Certifications".

UL® Flame Rating

UL94 classifications V0, V1, V2, and HB describe the flame retardancy levels for a given resin. V0 rated resins typically have the highest flame resistance followed by V1, V2, and HB.

For more information on UL® Flame Ratings and the Vertical Burn Test, please visit www.ul.com.

Material Operating Temperatures

The Material Temperature Ranges shown in the RMS Table are based on datasheets from the respective resin manufacturers and/or UL® RTI values. The values shown are for reference only to assist in material selection for your application. As each resin manufacturer uses different methods to evaluate the performance of their resins, the temperature ranges shown cannot necessarily be used to compare materials directly.

Adhesive Tape Usage Guidelines

Loads & Product Usage Guidelines

Long-term maximum product application loads generally should not exceed 0.25 psi. The surface area of contact is very critical for bond strength, so the amount of tape used should be maximized based on the application. In general, the tensile strength of the adhesive is higher than the peel or shear strength, so the product should be designed to be loaded in tension whenever possible.

Nylon & Adhesive Shelf Life

If products are kept under the Ideal Storage Conditions above, shelf life is 1 year from date of shipment.

Temperature Considerations

Ideal application temperature for most Richco adhesives is 70° - 100°F (21° - 38°C). Lower application temperatures should be avoided as the adhesive will be too firm and may not 'wet out' sufficiently. Operating temperatures of Richco adhesives are shown in the RMS table.

Application Guide

Surface Condition: The bonding surfaces must be clean, uniform, dry and free of condensation. Do not use on fabric, coarse concrete, loose paint, or rough, loose surfaces.

Surface Preparation: For maximum performance, clean the mounting surfaces with a cleaning solvent such as a 50/50 mixture of isopropyl alcohol and water. Be sure to follow the solvent manufacturer's directions for use. Some surfaces may require a sealant or primer to achieve the desired bonding. Test the product on your actual application.

Application pressure: Remove the release liner being very careful not to touch the adhesive surface and then quickly and firmly rub the product into place. Firm pressure is needed to ensure full contact and to allow the adhesive to fully wet-out on the mating surfaces.

Dwell Time: The bond strength is affected by the substrate surface, application temperature and dwell time. At room temperature approximately half of the bond strength will be obtained within the first half hour with the majority of the strength achieved within 24 hours. Therefore, whenever possible wait 24 hours before applying load.

Acrylic vs. rubber based adhesives: In general, rubber based adhesives offer higher initial tack whereas acrylic based adhesives maintain higher mechanical strength over time. One should evaluate the performance of the product on the actual end use application. Contact your local Richco representative for additional physical property and chemical resistance data.

Common Material Abbreviations

ABS = Acrylonitrile-butadiene-styrene	PPE/PS = Polyphenylene ether/polystyrene alloy
Acetal/POM = Polyacetal	PPE/SB = Polyphenylene ether/styrene-butadiene alloy
CPVC = Chlorinated polyvinyl chloride	PPS = Polyphenylene sulfide
EPDM = Ethylene-propylene-diene-monomer	PS = Polystyrene
HDPE = High density polyethylene	PSU = Polysulfone
HIPS = High impact polystyrene	PU = Polyurethane
LCP = Liquid Crystal Polymer	PVC = Polyvinyl chloride
LDPE = Low density polyethylene	PVDF = Polyvinylidene fluoride
Nitrile Rubber = Acrylonitrile rubber	SEBS = Styrene-ethylene butylene-styrene block copolymer
Nylon = Polyamide (PA)	SIR = Silicone molding compound
PBT = Polybutylene terephthalate	TPE = Thermoplastic elastomer
PC = Polycarbonate	TPR = Thermoplastic rubber
PE = Polyethylene	
PEI = Polyether imide	
PP = Polypropylene	

An asterisk(*) indicates data was not available at time of publication. Please see our website or contact your local Richco Representative for the necessary documentation.

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MATERIAL SPECIFICATIONS (RMS)

RMS No.	Material Description	UL File No.	UL Flame Rating	RoHS Compliance	Material Temperature Range					
					°C			°F		
244	Nylon 66	E41938	V-2	Y	-40	-	85	-40	-	185
301	Epoxy Glue	NO U.L.	Not rated	Y	-	-	-	-	-	-
303	Ferrite Core	NO U.L.	Not rated	Y	-	-	-	-	-	-
305	Stainless Steel	NO U.L.	Not rated	Exempt	-	-	-	-	-	-
306	Tin Coated Copper Wire	NO U.L.	Not rated	Y	-	-	-	-	-	-
307	Tin Coated Copper Wire	NO U.L.	Not rated	Y	-	-	-	-	-	-
308	Tin Coated Copper Wire	NO U.L.	Not rated	Y	-	-	-	-	-	-

FERRITE STANDARD CHARACTERISTICS MATERIALS

Ferrite Standard Characteristics Materials					
Property	Initial Permeability	Curie Temperature	Specific Gravity	Loss Factor @FREQUENCY	Temp. Coef. of Initial Permeability 20~70 °C
Unit		°C	g/cm ³	10 ⁻⁴ MHz	10 ⁻⁴ °C
Symbol	μ i	T _c	d	1/μ iQ	a μ i r
A6	1800±25%	>100	4.7	75 (0.5)	0-3
A5	1000±25%	>130	4.8	280 (1.0)	2-5
K5B	700±25%	>140	4.8	250 (1.0)	0-7
K2A	350±25%	>150	4.7	60 (2.0)	15-40
K3A	300±25%	>150	4.7	100 (2.0)	4-12
A17	300±25%	>300	4.6	90 (5.0)	0-7
A78	300±25%	>150	4.7	60 (2.0)	15-40
K1C	250±25%	>200	4.7	110 (2.0)	3-10
A8	200±25%	>250	4.7	35 (7.0)	19-32
A3	100±25%	>300	4.4	160 (20)	55-130
K8B	55±25%	>300	4.7	400 (20)	5-15
- Permeability: The permeability of a magnetic core material is the core material's ability to concentrate lines of magnetic flux					
- Curie Temperature: The temperature above which a ferrite core loses its magnetic properties.					

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Please note that all the parts listed in our catalog are also available by special order with different ferrite material.

Notes

[illegible]

ALPHABETICAL INDEX

RKCF1
RRC2
RRC split4
RRH5
RT15
RFP25

RFS27
RSH34
RRHL36
RRH638
RRH839

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