

CLIP FERRITE CORE FOR FLAT CABLE / FI TYPE

APPLICATIONS

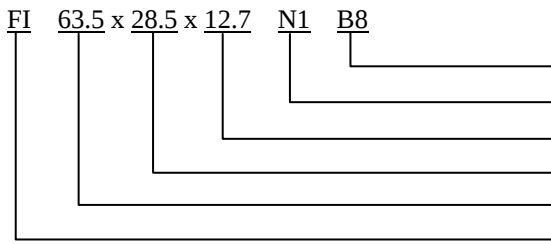
- ◆ Cables between pc boards and data connectors, floppy disk and hard disk ribbon cables, printer cables, retrofit, auxiliary EMI attenuation, internal ribbon cables with series digital signal busses



MATERIAL

B8 B10 B15

ORDERING CODE



Material

CLIP

B

D

A

Product Symbol

CHIP : N1- Nylon Clamp

N2- Nylon Clamp

N3- Nylon Clamp

M / M1- Metal Clamp

M2- Wire Clamp

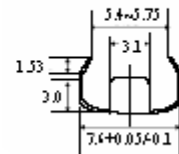
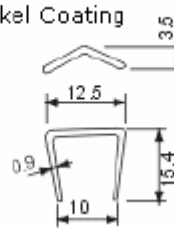
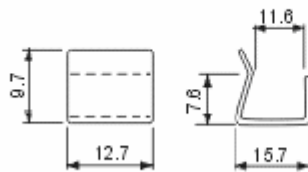
CLIP MATERIAL

N1,N2,N3: Nylon-66(UL)
Flame Class: 94V-2

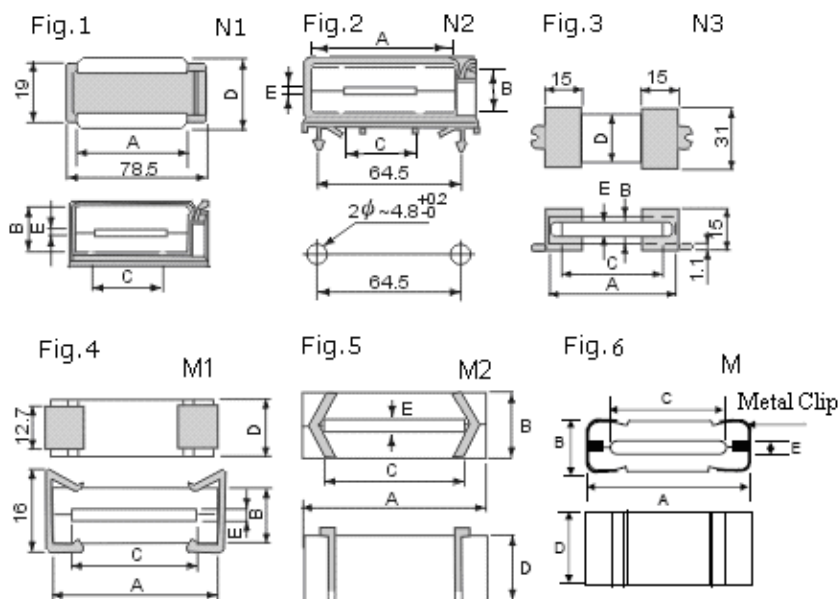
M1: Spring Steel
Nickel Coating

M2: Piano wire
Nickel Coating

M: SK5 WITH HEAT TREATMENT



SHAPES



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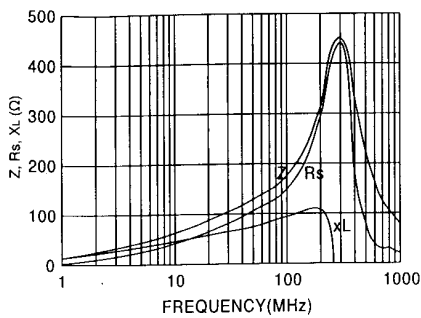
<http://www.coremaster.com.tw>

CLIP FERRITE CORE FOR FLAT CABLE / FI TYPE

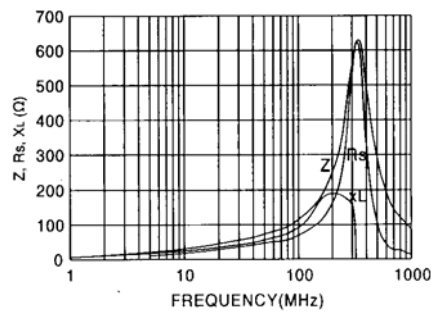
DIMENSIONS: UNIT: mm

Part No.	Fig.	A	B	C	D	E	Impedance(Ω)Min	
							25MHz	100MHz
FI 29x15x8 M	6	29.0 $\pm$ 0.8	8.0 $\pm$ 0.4	22.0 $\pm$ 0.8	15.0 $\pm$ 0.4	2.0 $\pm$ 0.5/-0.3	30	80
FI 38x15x12.7 M2	5	38.0 $\pm$ 1.0	12.7 $\pm$ 0.5	26.6 $\pm$ 0.7	15.0 $\pm$ 0.4	1.6 $\pm$ 0.4	40	115
FI 38x25.4x12.7 M1	4	38.0 $\pm$ 1.0	12.7 $\pm$ 0.5	26.6 $\pm$ 0.7	25.4 $\pm$ 0.7	1.6 $\pm$ 0.4	75	140
FI 45x15x12.7 M2	5	45.0 $\pm$ 1.0	12.7 $\pm$ 0.5	34.4 $\pm$ 0.7	15.0 $\pm$ 0.4	1.6 $\pm$ 0.4	40	90
FI 45x28.5x12.7 M1	4	45.0 $\pm$ 1.0	12.7 $\pm$ 0.5	34.4 $\pm$ 0.7	28.5 $\pm$ 0.7	1.6 $\pm$ 0.4	70	140
FI 45x28.5x12.7 N3	3	45.0 $\pm$ 1.0	12.7 $\pm$ 0.5	34.4 $\pm$ 0.7	28.5 $\pm$ 0.7	1.6 $\pm$ 0.4	70	140
FI 55.1x15x12.7 M2	5	55.1 $\pm$ 1.0	12.7 $\pm$ 0.5	43.7 $\pm$ 1.0	15.0 $\pm$ 0.4	1.6 $\pm$ 0.4	40	105
FI 55.1x28.5x12.7 M1	4	55.1 $\pm$ 1.0	12.7 $\pm$ 0.5	43.7 $\pm$ 1.0	28.5 $\pm$ 0.7	1.6 $\pm$ 0.4	65	140
FI 55.1x28.5x12.7 N3	3	55.1 $\pm$ 1.0	12.7 $\pm$ 0.5	43.7 $\pm$ 1.0	28.5 $\pm$ 0.7	1.6 $\pm$ 0.4	65	140
FI 63.5x15x12.7 M2	5	63.5 $\pm$ 1.2	12.7 $\pm$ 0.5	52.0 $\pm$ 1.0	15.0 $\pm$ 0.4	1.6 $\pm$ 0.4	40	95
FI 63.5x28.5x12.7 M1	4	63.5 $\pm$ 1.2	12.7 $\pm$ 0.5	52.0 $\pm$ 1.0	28.5 $\pm$ 0.7	1.6 $\pm$ 0.4	60	150
FI 63.5x28.5x12.7 N1	1	63.5 $\pm$ 1.2	12.7 $\pm$ 0.5	52.0 $\pm$ 1.0	28.5 $\pm$ 0.7	1.6 $\pm$ 0.4	60	150
FI 63.5x28.5x12.7 N2	2	63.5 $\pm$ 1.2	12.7 $\pm$ 0.5	52.0 $\pm$ 1.0	28.5 $\pm$ 0.7	1.6 $\pm$ 0.4	60	150
FI 63.5x28.5x12.7 N3	3	63.5 $\pm$ 1.2	12.7 $\pm$ 0.5	52.0 $\pm$ 1.0	28.5 $\pm$ 0.7	1.6 $\pm$ 0.4	60	150
FI 76.2x28.5x12.7 M1	1	76.2 $\pm$ 1.5	12.7 $\pm$ 0.5	65.2 $\pm$ 1.2	28.5 $\pm$ 0.7	1.6 $\pm$ 0.4	60	190
FI 76.2x28.5x12.7 N3	3	76.2 $\pm$ 1.5	12.7 $\pm$ 0.5	65.2 $\pm$ 1.2	28.5 $\pm$ 0.7	1.6 $\pm$ 0.4	60	190

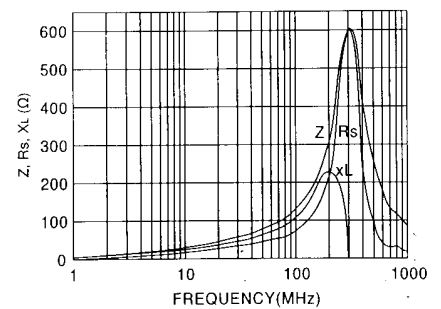
FI 38x25.4x12.7



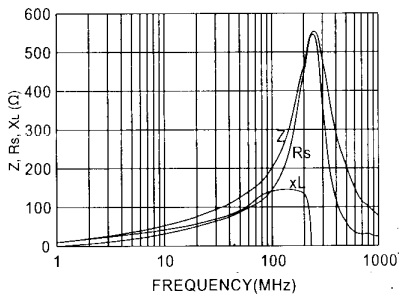
FI 45x15x12.7



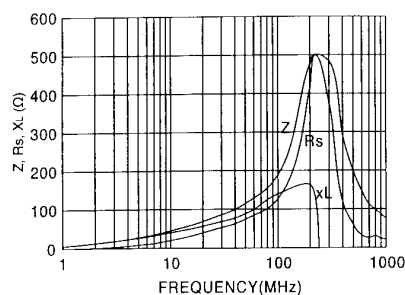
FI 55.1x15x12.7



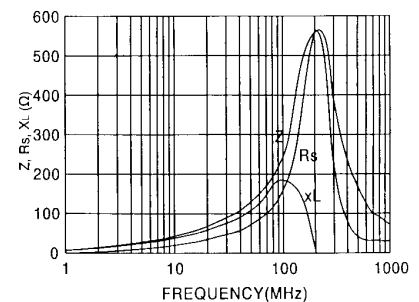
FI 55.1x15x12.7



FI 63.5x28.5x12.7



FI 76.2x28.5x12.7



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EMI BEADS (DIP) / RHWT TYPE

FEATURES

- ◆ Employ high performance ferrites with superior frequency characteristics.

APPLICATIONS

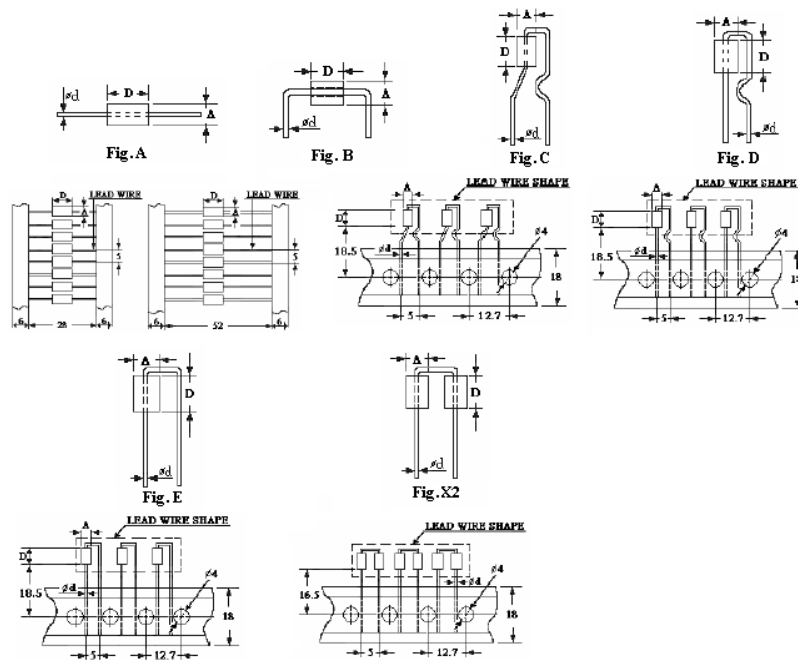
- ◆ Prevent spike noise
- ◆ Prevent intrusion and radiation of unnecessary signals into the clock pulse oscillation section and various interfaces, except those for RGB and composite signals.



ORDERING CODE

<u>RHWT</u>	<u>035060</u>	<u>A</u>	
			Lead Wire Shape
			Core Dimension
			Product Symbol

LEAD WIRE SHAPE & TAPING SHAPE (UNIT: mm)



EMI BEADS (DIP) / RHWT TYPE

DIMENSIONS (UNIT: mm)

PartNo.	Shape No.	A	D	Φd (±0.05)	Impedance (Ω) Min	
					25MHz	100MHz
RHWT 025030	A	2.5 ±0.15	3.0 ±0.30	0.65	12	30
RHWT 025045		2.5 ±0.15	4.5 ±0.30	0.65	15	40
RHWT 035050		3.5 ±0.20	5.0 ±0.30	0.65	25	50
RHWT 035060		3.5 ±0.20	6.0 ±0.30	0.65	30	60
RHWT 035080		3.5 ±0.20	8.0 ±0.30	0.65	35	85
RHWT 035090		3.5 ±0.20	9.0 ±0.40	0.65	40	90
RHWT 035045	B	3.5 ±0.20	4.5 ±0.20	0.65	25	50
RHWT 035060		3.5 ±0.20	6.0 ±0.30	0.65	30	60
RHWT 035090		3.5 ±0.20	9.0 ±0.40	0.65	40	90
RHWT 035045	X2	3.5 ±0.20	4.5 ±0.30	0.65	45	80
RHWT 035060		3.5 ±0.20	6.0 ±0.30	0.65	50	100



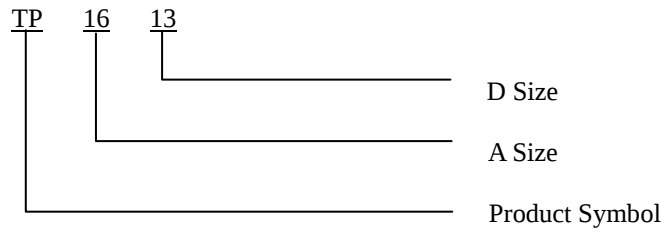
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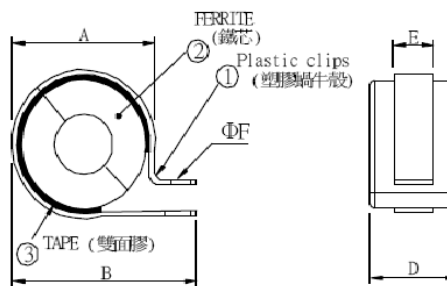
EMI SUPPRESSION CORES WITH PLASTIC CASE / TP TYPE

ORDERING CODE

EMI suppression generated from round cable used in digital equipment



SHAPES



DIMENSIONS & CHARACTERISTICS

Part No.	ΦA	B	ΦD	ΦF	Impedance			
					1 Turn		2 Turns	
					25MHz	100MHz	25MHz	100MHz
TP 16-13	19.4	30.2	13.0	4.3	45	110	160	370
TP 16-16	19.4	30.2	16.0	4.3	50	150	180	500
TP 20-10	25.7	38.2	10.0	5.1	45	80	140	280
TP 23-14	26.8	39.4	14.0	5.1	40	100	140	350
TP 28-13	32.8	45.0	13.0	5.1	45	105	160	325
TP 28-20	32.8	45.0	20.0	5.1	60	130	250	500
TP 40-15	44.6	59.0	15.0	5.1	40	100	140	350



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FLAT CABLE EMI CORES / FP TYPE

APPLICATIONS

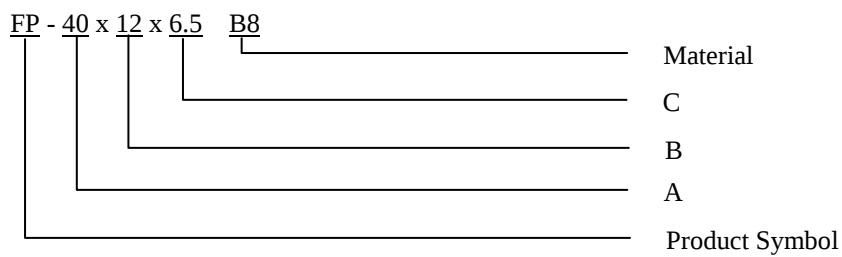
- ◆ Internal floppy disk and harddisk ribbon cables
- ◆ Internal ribbon cables between circuit boards and data connectors
- ◆ Internal ribbon cables with series digital signal busses



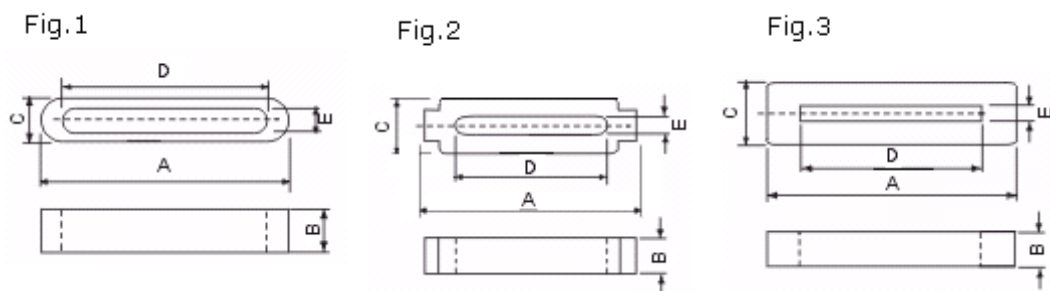
MATERIAL

B8 B10 B15

ORDERING CODE



SHAPES



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FLAT CABLE EMI CORES / FP TYPE

DIMENSIONS (UNIT: mm)

Part No.	Fig.	Dimension				
		A	B	C	D	E
FP-10X8X3.2	3	10.0 ± 0.3	8.0 ± 0.4	3.2 ± 0.2	8.0 ± 0.3	1.0 ± 0.2
FP-12X19X9	1	12.0 ± 0.3	19.0 ± 0.5	9.0 ± 0.3	7.5 ± 0.3	4.5 ± 0.3
FP-13.5X6X2	1	13.5 ± 0.3	6.0 ± 0.3	2.0 ± 0.3	11.0 ± 0.3	0.5+0.4-0
FP-16X8X5	1	16.0+0.2-0.5	8.0 ± 0.3	5.0+0-0.6	11.5+0.5-0.1	0.5+0.5-0
FP-18X8X5	1	18.0 ± 1.0	8.0 ± 0.5	5.0 ± 0.3	14.0 ± 0.5	1.0 ± 0.5
FP-19X6X6.5	1	19.0 ± 0.8	6.0 ± 0.5	6.5 ± 0.3	13.5 ± 0.6	1.5 ± 0.3
FP-19X12X6.5	1	19.0 ± 0.8	12.0 ± 0.5	6.5 ± 0.3	13.5 ± 0.6	1.5 ± 0.3
FP-23.8X12.5X6.3	1	23.8 ± 0.7	12.5 ± 0.5	6.3 ± 0.5	18.4 ± 0.5	1.1 ± 0.3
FP-23.8X12.5X6.5	1	23.8 ± 1.0	12.5 ± 0.6	6.5 ± 0.5	18.5 ± 0.7	1.5 ± 0.5
FP-25X12X5	1	25.0 ± 0.8	12.0 ± 0.5	5.0 ± 0.4	21.0 ± 0.7	1.2 ± 0.3
FP-28X10X7.7	2	28.0 ± 0.8	10.0 ± 0.4	7.7 ± 0.4	23.0 ± 0.5	1.4 ± 0.2
FP-28X14.6X7.7	2	28.0 ± 0.8	14.6 ± 0.4	7.7 ± 0.3	23.0 ± 0.5	1.4 ± 0.3
FP-29X10X8	1	29.0 ± 0.8	10.0 ± 0.5	8.0 ± 0.5	22.0 ± 0.8	2.5 ± 0.4
FP-31X12X3	3	31.0 ± 0.5	12.0 ± 0.3	3.0 ± 0.3	27.0 ± 0.5	0.5+0.7-0
FP-33.5X12X6.5	1	33.5 ± 1.0	12.0 ± 0.5	6.5 ± 0.5	27.5 ± 1.0	1.5 ± 0.5
FP-38.5X8X4	3	38.5 ± 1.0	8.0 ± 0.4	4.0 ± 0.5	34.0 ± 0.8	0.8 ± 0.4
FP-40X12X6.5	1	40.0 ± 1.2	12.0 ± 0.5	6.5 ± 0.3	33.5 ± 1.5	1.5 ± 0.3
FP-41X15X7.7	1	41.0 ± 1.2	15.0 ± 0.4	7.7 ± 0.4	34.5 ± 1.2	1.8 ± 0.4
FP-49.6X12X6.5	1	49.6 ± 1.5	12.0 ± 0.4	6.5 ± 0.5	43.0 ± 1.0	1.5 ± 0.5
FP-57.9X12X7	1	57.9 ± 0.7	12.0 ± 0.3	7.0 ± 0.3	52.0 +1.0-0.2	1.3 + 0.6-0



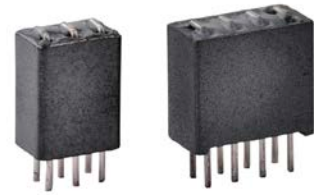
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MULTILINE BEADS MOUNT FILTERS / S6H、S8H TYPE

FEATURES

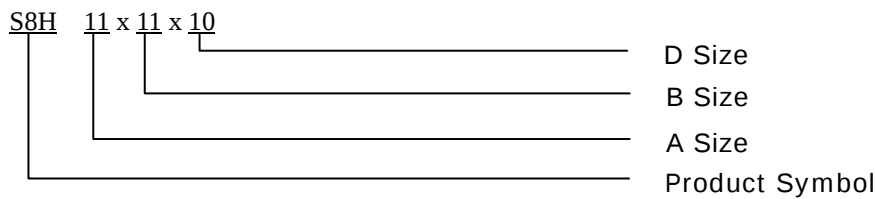
Multiple single printed circuit beads or multi-turn printed circuit beads are available in various materials. Cores are supplied with tinned copper jumper wires, which complete the desired winding configuration on the printed circuit board.



APPLICATIONS

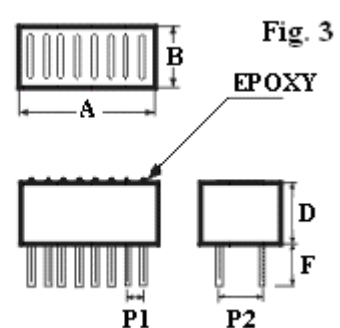
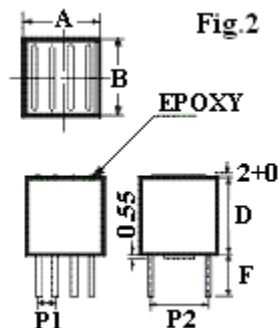
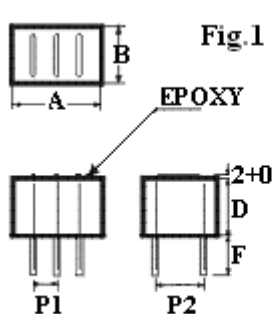
Filtering DC power to external peripherals. Filtering low frequency in put/out put signals of shielded enclosures. Data Bus filters. Application where low DCR is needed.

ORDERING CODE



DIMENSIONS & CHARACTERISTICS (UNIT: mm)

Part No.	Fig.	UNIT:mm						Impedance (Ω) Min	
		A	B	D	F	P1	P2	25MHz	100MHz
S6H 7.6x5x10	1	7.60 $\pm$ 0.25	5.00 $\pm$ 0.25	10.00 $\pm$ 0.30	5.30 $\pm$ 0.3	2.54 $\pm$ 0.2	2.54 $\pm$ 0.2	150	226
S8H 11x11x10	2	10.80 $\pm$ 0.30	10.8 $\pm$ 0.3	10.15 $\pm$ 0.25	3.2 $\pm$ 0.4/-0	2.54 $\pm$ 0.2	7.62 $\pm$ 0.2	190	300
S8H 11x5.5x10	2	10.88 $\pm$ 0.30	5.49 $\pm$ 0.25	10.00 $\pm$ 0.30	3.19 $\pm$ 0.3	2.54 $\pm$ 0.2	2.54 $\pm$ 0.2	160	200
S16H 20x5x3	3	20.00 $\pm$ 0.30	5.00 $\pm$ 0.30	3.00 $\pm$ 0.20	2.54 $\pm$ 0.2	2.54 $\pm$ 0.2	3.00 $\pm$ 1.0	40	64
S16H 20x5x4	3	20.00 $\pm$ 0.30	5.00 $\pm$ 0.30	4.00 $\pm$ 0.20	2.54 $\pm$ 0.2	2.54 $\pm$ 0.2	4.00 $\pm$ 1.0	45	80



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NI-ZN EMI BEAD CORES / RH TYPE

FEATURES

- ◆ Easy installation
- ◆ Compact and high performance



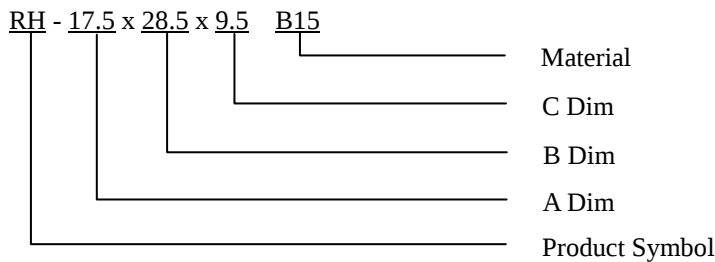
APPLICATIONS

- ◆ Countermeasures against radiated emissions
- ◆ For full compliance with FCC regulations and VCCI
- ◆ Improvement of noise immunity of personal computers, microcomputers, peripheral and relative devices

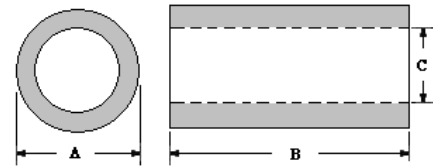
MATERIAL

B8 B10 B15 B18

ORDERING CODE



SHAPES



DIMENSIONS (Unit: mm)

Cores	A	B	C
RH-2.3 x 4.5 x 0.8	2.30 ± 0.15	4.50 ± 0.30	0.80 ± 0.15
RH-3 x 3 x 0.8	3.00 ± 0.15	3.00 ± 0.20	0.80 ± 0.15
RH-3 x 4 x 1	3.00 ± 0.15	4.00 ± 0.30	1.00 ± 0.15
RH-3.5 x 8.9 x 0.8	3.50 ± 0.15	8.90 ± 0.30	0.80 ± 0.15
RH-3.5 x 12 x 1.2	3.50 ± 0.15	12.00 ± 0.40	1.20 ± 0.15
RH-3.5 x 10 x 1.5	3.50 ± 0.15	10.00 ± 0.40	1.50 ± 0.15
RH-3.5 x 13.8 x 0.8	3.50 ± 0.15	13.80 ± 0.40	0.80 ± 0.15
RH-3.8 x 8 x 1.8	3.80 ± 0.15	8.00 ± 0.40	1.80 ± 0.15
RH-4 x 5 x 2	4.00 ± 0.20	5.00 ± 0.30	2.00 ± 0.15
RH-4 x 20 x 2	4.00 ± 0.20	20.00 ± 0.50	2.00 ± 0.15
RH-4.1 x 10 x 1.6	4.10 ± 0.20	10.00 ± 0.40	1.60 ± 0.15
RH-5 x 10 x 1.5	5.00 ± 0.30	10.00 ± 0.40	1.50 ± 0.15
RH-6 x 25 x 2	6.00 ± 0.30	25.00 ± 0.70	2.00 ± 0.20
RH-6 x 10 x 3	6.00 ± 0.30	10.00 ± 0.40	3.00 ± 0.20
RH-6.5 x 10 x 4.3	6.50 ± 0.30	10.00 ± 0.40	4.30 ± 0.20
RH-7 x 20 x 4	7.00 ± 0.30	20.00 ± 0.50	4.00 ± 0.25
RH-7.5 x 19 x 2.8	7.50 ± 0.30	19.00 ± 0.50	2.80 ± 0.20
RH-7.75 x 19 x 4	7.75 ± 0.30	19.00 ± 0.50	4.00 ± 0.25
RH-8 x 18 x 3	8.00 ± 0.30	18.00 ± 0.50	3.00 ± 0.20
RH-8 x 9.2 x 4	8.00 ± 0.30	9.20 ± 0.30	4.00 ± 0.25
RH-8 x 20 x 5.6	8.00 ± 0.30	20.00 ± 0.60	5.60 ± 0.25
RH-9 x 16 x 5	9.00 ± 0.30	16.00 ± 0.50	5.00 ± 0.25
RH-9.5 x 18.2 x 2.8	9.50 ± 0.30	18.20 ± 0.50	2.80 ± 0.20
RH-9.5 x 10 x 5	9.50 ± 0.30	10.00 ± 0.40	5.00 ± 0.25
RH-9.8 x 20.95 x 3.8	9.80 ± 0.30	20.95 ± 0.60	3.80 ± 0.20



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NI-ZN EMI BEAD CORES / RH TYPE

DIMENSIONS (Unit: mm)

Cores	A	B	C
RH-9.8 x 14 x 5.6	9.80 ± 0.30	14.00 ± 0.50	5.60 ± 0.25
RH-9.8 x 25 x 7	9.80 ± 0.30	25.00 ± 0.70	7.00 ± 0.30
RH-10 x 10 x 5	10.00 ± 0.40	10.00 ± 0.40	5.00 ± 0.25
RH-10.5 x 20 x 5.6	10.50 ± 0.40	20.00 ± 0.60	5.60 ± 0.25
RH-10.5 x 20 x 6	10.50 ± 0.40	20.00 ± 0.60	6.00 ± 0.30
RH-11.5 x 18 x 5.2	11.50 ± 0.40	18.00 ± 0.50	5.20 ± 0.25
RH-11.5 x 25 x 7.1	11.50 ± 0.40	25.00 ± 0.70	7.10 ± 0.30
RH-12 x 25 x 4	12.00 ± 0.40	25.00 ± 0.70	4.00 ± 0.25
RH-12 x 25.6 x 5.2	12.00 ± 0.40	25.60 ± 0.70	5.20 ± 0.25
RH-12 x 20 x 6.35	12.00 ± 0.40	20.00 ± 0.60	6.35 ± 0.30
RH-12 x 25 x 7.1	12.00 ± 0.40	25.00 ± 0.70	7.10 ± 0.30
RH-12 x 28 x 7.3	12.00 ± 0.40	28.00 ± 0.70	7.30 ± 0.30
RH-12.5 x 20 x 4.9	12.50 ± 0.40	20.00 ± 0.60	4.90 ± 0.30
RH-12.7 x 15 x 7.88	12.70 ± 0.40	15.00 ± 0.50	7.88 ± 0.30
RH-13 x 15.2 x 5.5	13.00 ± 0.40	15.20 ± 0.50	5.50 ± 0.25
RH-13 x 26 x 5.6	13.00 ± 0.40	26.00 ± 0.70	5.60 ± 0.30
RH-13 x 25.4 x 9.4	13.00 ± 0.40	25.40 ± 0.70	9.40 ± 0.30
RH-14 x 28.5 x 5.2	14.00 ± 0.50	28.50 ± 0.70	5.20 ± 0.25
RH-14.27 x 23.5 x 6.35	14.27 ± 0.50	23.50 ± 0.60	6.35 ± 0.30
RH-14.27x 28.5 x 6.35	14.27 ± 0.50	28.50 ± 0.70	6.35 ± 0.30
RH-14.27 x 15 x 7	14.27 ± 0.50	15.00 ± 0.50	7.00 ± 0.30
RH-14.27 x 28 x 7	14.27 ± 0.50	28.00 ± 0.70	7.00 ± 0.30
RH-14.27 x 23.5 x 7.88	14.27 ± 0.50	23.50 ± 0.60	7.88 ± 0.30
RH-14.27 x 23.5 x 8.3	14.27 ± 0.50	23.50 ± 0.60	8.30 ± 0.30
RH-14.27 x 28.5 x 9.15	14.27 ± 0.50	28.50 ± 0.70	9.15 ± 0.30
RH-15 x 28.5 x 7.3	15.00 ± 0.50	28.50 ± 0.70	7.30 ± 0.30
RH-15.25 x 28.5 x 8	15.25 ± 0.50	28.50 ± 0.70	8.00 ± 0.30
RH-15.8 x 28.5 x 7.88	15.80 ± 0.50	28.50 ± 0.70	7.88 ± 0.30
RH-16 x 17 x 4.5	16.00 ± 0.50	17.00 ± 0.50	4.50 ± 0.25
RH-16 x 16 x 7.88	16.00 ± 0.50	16.00 ± 0.50	7.88 ± 0.30
RH-16 x 17 x 9.15	16.00 ± 0.50	17.00 ± 0.50	9.15 ± 0.30
RH-16 x 30 x 9.15	16.00 ± 0.50	30.00 ± 1.00	9.15 ± 0.30
RH-16 x 28.5 x 9.5	16.00 ± 0.50	28.50 ± 1.00	9.50 ± 0.30
RH-16 x 28 x 11	16.00 ± 0.50	28.00 ± 0.70	11.00 ± 0.40
RH-17 x 25 x 4	17.00 ± 0.50	25.00 ± 0.70	4.00 ± 0.30
RH-17.2 x 25 x 7	17.20 ± 0.50	25.00 ± 0.70	7.00 ± 0.30
RH-17.5 x 27 x 8	17.50 ± 0.50	27.00 ± 0.70	8.00 ± 0.30
RH-17.5 x 28.5 x 8	17.50 ± 0.50	28.50 ± 0.70	8.00 ± 0.30
RH-17.5 x 28.5 x 9.5	17.50 ± 0.50	28.50 ± 0.70	9.50 ± 0.30
RH-17.5 x 35 x 9.5	17.50 ± 0.50	35.00 ± 1.00	9.50 ± 0.30
RH-17.5 x 28.5 x 10.6	17.50 ± 0.50	28.50 ± 0.70	10.60 ± 0.40
RH-17.5 x 28.5 x 11	17.50 ± 0.50	28.50 ± 0.70	11.00 ± 0.40
RH-18.2 x 28.5 x 9.5	18.20 ± 0.50	28.50 ± 0.70	9.50 ± 0.30
RH-18.4 x 28.5 x 10.2	18.40 ± 0.50	28.50 ± 0.70	10.20 ± 0.40
RH-18.4 x 50.8 x 11	18.40 ± 0.50	50.80 ± 1.00	11.00 ± 0.40
RH-18.4 x 28.5 x 12.5	18.40 ± 0.50	28.50 ± 0.70	12.50 ± 0.40
RH-19.7 x 28.5 x 11.7	19.70 ± 0.50	28.50 ± 0.70	11.70 ± 0.40
RH-25.9 x 28 x 10.2	25.90 ± 0.60	28.00 ± 0.70	10.20 ± 0.40
RH-26 x 28.5 x 12.8	26.00 ± 0.60	28.50 ± 0.70	12.80 ± 0.50
RH-26 x 28.5 x 16	26.00 ± 0.60	28.50 ± 0.70	16.00 ± 0.50
RH-28 x 28.5 x 16	28.00 ± 0.70	28.50 ± 0.70	16.00 ± 0.50



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NI-ZN EMI BEAD CORES / RH TYPE



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NI-ZN TOROID CORES / T TYPE

FEATURES

- ◆ Minimal effect on transmission waveforms
- ◆ Can be added as First-Aid, On-The Spot countermeasures when equipment or devices fail

APPLICATIONS

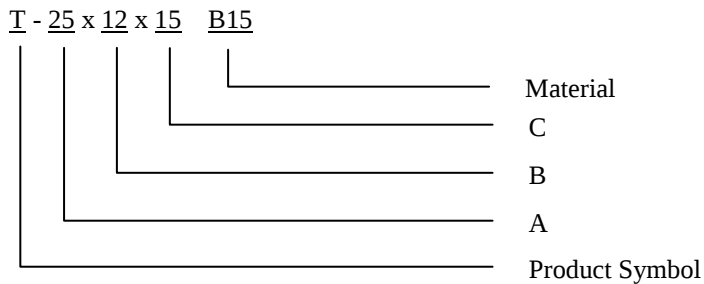
- ◆ Equipment using sensors
- ◆ TVs, FM/AM Tuners, VTRs/VCRs
- ◆ Harness noise countermeasures for automobiles Computers, NC machines, and Plain paper copiers
- ◆ Measuring equipment, OA equipment, terminal equipment and ISDN terminal equipment



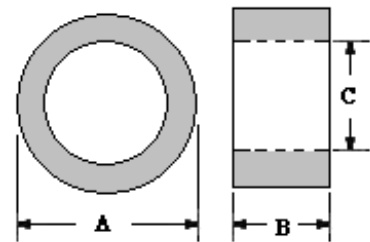
MATERIAL

B8 B10 B12 B15

ORDERING CODE



SHAPES



DIMENSIONS (Unit: mm)

Cores	A	B	C
T-2.5 x 1.2 x 1	2.50 ± 0.15	1.20 ± 0.20	1.00 ± 0.15
T-3.3 x 2 x 2.58	3.30 ± 0.15	2.00 ± 0.25	2.58 ± 0.15
T-3.5 x 2 x 0.85	3.50 ± 0.15	2.00 ± 0.20	0.85 ± 0.15
T-3.5 x 3.1 x 1.2	3.50 ± 0.15	3.10 ± 0.30	1.20 ± 0.15
T-4 x 1 x 2	4.00 ± 0.20	1.00 ± 0.20	2.00 ± 0.20
T-4.5 x 2 x 1.5	4.50 ± 0.20	2.00 ± 0.20	1.50 ± 0.15
T-4.8 x 3 x 2.8	4.80 ± 0.20	3.00 ± 0.30	2.80 ± 0.20
T-6 x 4 x 3	6.00 ± 0.30	4.00 ± 0.30	3.00 ± 0.20
T-6 x 5 x 2	6.00 ± 0.30	5.00 ± 0.30	2.00 ± 0.20
T-6.5 x 5 x 3.3	6.50 ± 0.30	5.00 ± 0.30	3.30 ± 0.20
T-7.75 x 3 x 4	7.75 ± 0.30	3.00 ± 0.30	4.00 ± 0.20
T-8 x 3 x 4	8.00 ± 0.30	3.00 ± 0.30	4.00 ± 0.20
T-8 x 7 x 5.6	8.00 ± 0.30	7.00 ± 0.30	5.60 ± 0.20
T-9 x 3 x 5	9.00 ± 0.30	3.00 ± 0.30	5.00 ± 0.30
T-9.5 x 3.5 x 4.8	9.50 ± 0.30	3.50 ± 0.30	4.80 ± 0.20
T-9.66 x 3.7 x 4.9	9.66 ± 0.30	3.70 ± 0.30	4.90 ± 0.30
T-9.66 x 7.35 x 6.35	9.66 ± 0.30	7.35 ± 0.30	6.35 ± 0.30
T-9.8 x 7.35 x 6.35	9.80 ± 0.30	7.35 ± 0.30	6.35 ± 0.30



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NI-ZN TOROID CORES / T TYPE

Cores	A	B	C
T-10 x 6 x 4	10.00 ± 0.30	6.00 ± 0.30	4.00 ± 0.20
T-10 x 4 x 6	10.00 ± 0.30	4.00 ± 0.30	6.00 ± 0.30
T-10 x 10 x 5	10.00 ± 0.30	10.0 ± 0.40	5.00 ± 0.30
T-10.3 x 10.2 x 5.8	10.30 ± 0.30	10.2 ± 0.40	5.80 ± 0.30
T-12 x 6 x 4	12.00 ± 0.40	6.00 ± 0.30	4.00 ± 0.20
T-12 x 4 x 6	12.00 ± 0.40	4.00 ± 0.30	6.00 ± 0.30
T-12 x 10 x 6.5	12.00 ± 0.40	10.0 ± 0.40	6.50 ± 0.30
T-12 x 11 x 8.6	12.00 ± 0.40	11.0 ± 0.40	8.60 ± 0.30
T-12.7 x 6.35 x 7.9	12.70 ± 0.40	6.35 ± 0.40	7.90 ± 0.30
T-12.7 x 12.5 x 7.88	12.70 ± 0.40	12.5 ± 0.40	7.88 ± 0.30
T-13 x 8 x 8.2	13.00 ± 0.40	8.00 ± 0.30	8.20 ± 0.30
T-13.5 x 5 x 7	13.50 ± 0.40	5.00 ± 0.30	7.00 ± 0.30
T-14.2 x 5 x 6.35	14.20 ± 0.50	5.00 ± 0.30	6.35 ± 0.30
T-14.2 x 5 x 9.15	14.20 ± 0.50	5.00 ± 0.30	9.15 ± 0.30
T-14.2 x 10 x 7.45	14.20 ± 0.50	10.0 ± 0.40	7.45 ± 0.30
T-14.2 x 5 x 8.3	14.27 ± 0.50	5.00 ± 0.30	8.30 ± 0.30
T-14.2 x 13.5 x 6.35	14.27 ± 0.50	13.5 ± 0.40	6.35 ± 0.30
T-15.2 x 12.7 x 10.2	15.20 ± 0.50	12.7 ± 0.40	10.2 ± 0.30
T-16 x 12 x 8	16.00 ± 0.50	12.0 ± 0.40	8.00 ± 0.30
T-16 x 12 x 9.15	16.00 ± 0.50	12.0 ± 0.40	9.15 ± 0.30
T-16 x 10 x 8	16.00 ± 0.50	10.0 ± 0.40	8.00 ± 0.30
T-16 x 16 x 7.88	16.00 ± 0.50	16.0 ± 0.50	7.88 ± 0.30
T-17.5 x 6.8 x 10.6	17.50 ± 0.50	6.80 ± 0.30	10.6 ± 0.30
T-17.5 x 12.7 x 10.2	17.50 ± 0.50	12.7 ± 0.40	10.2 ± 0.30
T-18.4 x 9.5 x 12.5	18.40 ± 0.50	9.50 ± 0.30	12.5 ± 0.40
T-20 x 4 x 5.2	20.00 ± 0.50	4.00 ± 0.30	5.20 ± 0.30
T-20 x 10 x 10.2	20.00 ± 0.50	10.0 ± 0.40	10.2 ± 0.30
T-20 x 14.2 x 5.2	20.00 ± 0.50	14.2 ± 0.40	5.20 ± 0.30
T-21.2 x 6 x 12.7	21.20 ± 0.50	6.00 ± 0.30	12.7 ± 0.40
T-22.5 x 6 x 13.8	22.50 ± 0.50	6.00 ± 0.30	13.8 ± 0.50
T-23 x 6.4 x 12.5	23.00 ± 0.50	6.40 ± 0.30	12.5 ± 0.40
T-23 x 9.5 x 12.5	23.00 ± 0.50	9.50 ± 0.30	12.5 ± 0.40
T-23 x 14 x 11	23.00 ± 0.50	14.0 ± 0.30	11.0 ± 0.40
T-24 x 14 x 11	24.00 ± 0.60	14.0 ± 0.40	11.0 ± 0.40
T-25 x 10 x 15	25.00 ± 0.60	10.0 ± 0.40	15.0 ± 0.50
T-25.9 x 14.09 x 17	25.90 ± 0.60	14.09 ± 0.40	17.0 ± 0.50
T-25.9 x 12.7 x 16	25.90 ± 0.60	12.7 ± 0.40	16.0 ± 0.50
T-28 x 3.75 x 5.2	28.00 ± 0.70	3.75 ± 0.30	5.20 ± 0.30
T-28 x 13.4 x 16	28.00 ± 0.70	13.40 ± 0.40	16.0 ± 0.50
T-28 x 19 x 16	28.00 ± 0.70	19.0 ± 0.50	16.0 ± 0.50
T-29 x 14 x 19	29.00 ± 0.70	14.0 ± 0.30	19.0 ± 0.50
T-31 x 7 x 19	31.00 ± 0.70	7.00 ± 0.30	19.0 ± 0.50
T-31 x 16 x 19	31.00 ± 0.70	16.0 ± 0.50	19.0 ± 0.50
T-36 x 12 x 23	36.00 ± 0.80	12.0 ± 0.40	23.0 ± 0.60
T-36 x 22 x 19	36.00 ± 0.80	22.0 ± 0.60	19.0 ± 0.50
T-37.5 x 5.5 x 9.1	37.50 ± 0.80	5.50 ± 0.30	9.10 ± 0.30
T-40 x 15 x 23.4	40.00 ± 0.80	15.0 ± 0.50	23.4 ± 0.60
T-47.5 x 15 x 29.5	47.50 ± 1.00	15.0 ± 0.50	29.5 ± 0.80



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ROUND CABLE EMI CORES / LF TYPE

FEATURES

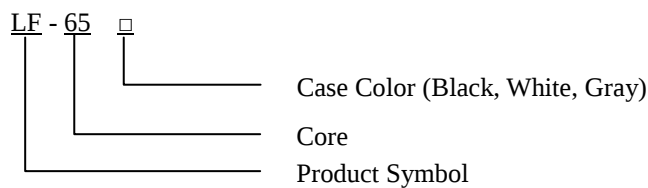
- ◆ Easy installation
- ◆ Internal dimensions are from 4mm to 19 mm diameter.
- ◆ The smooth surface prevents damage to wire insulation.



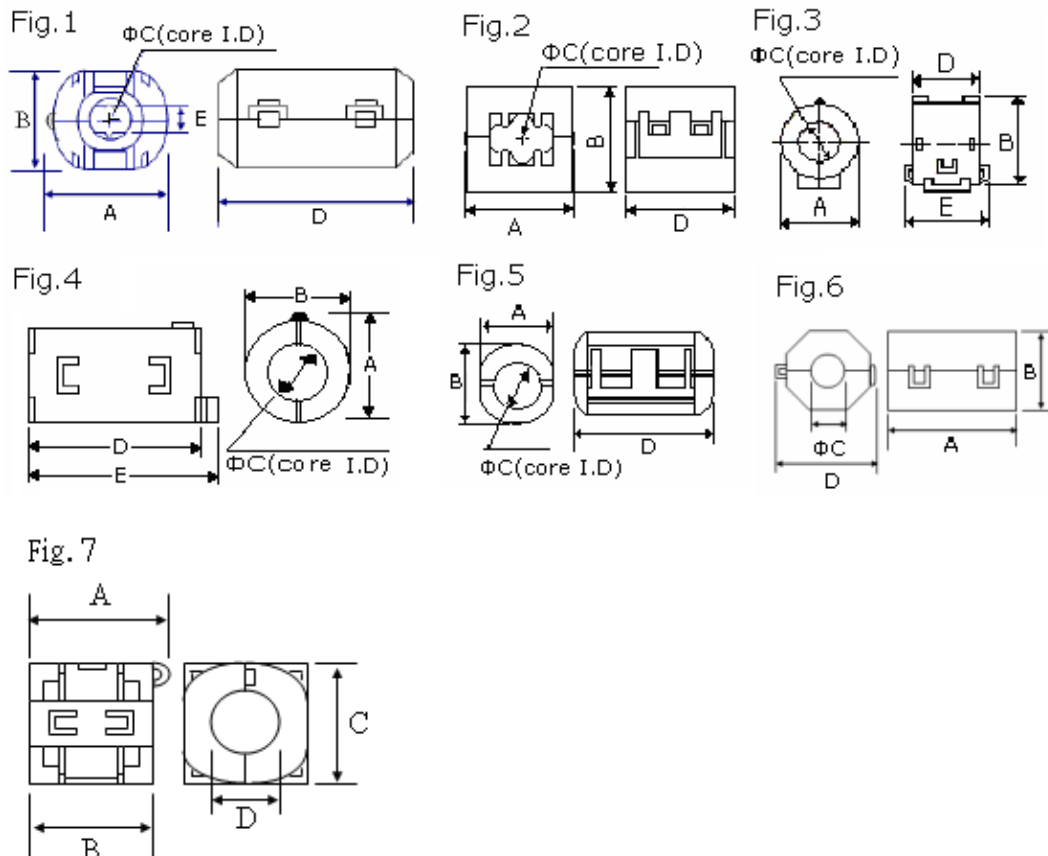
APPLICATIONS

- ◆ Internal and external power cables
- ◆ Internal cables between pc boards and data connectors
- ◆ Computer peripherals, for example digital camera, DVD, fax machine, monitor, printer, and power supply cables

ORDERING CODE



SHAPES



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ROUND CABLE EMI CORES / LF TYPE

DIMENSIONS (UNIT:mm)

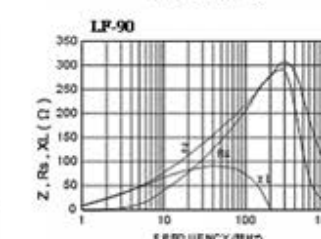
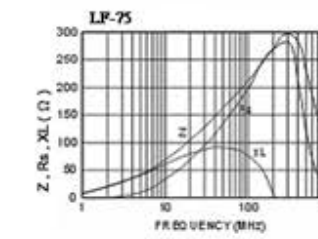
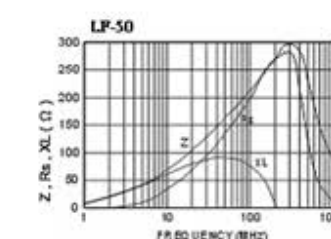
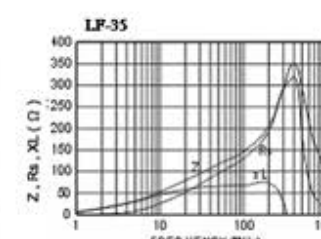
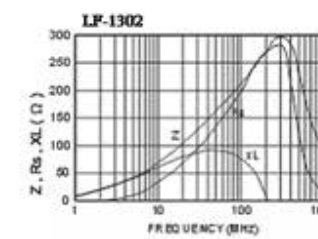
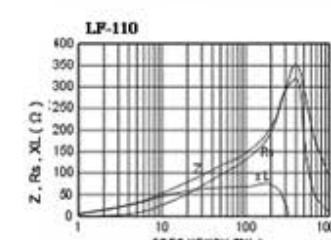
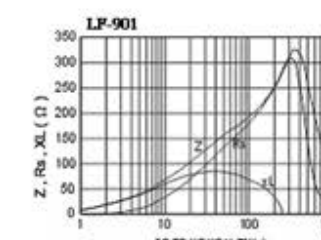
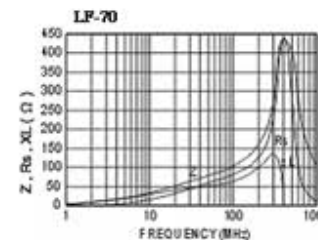
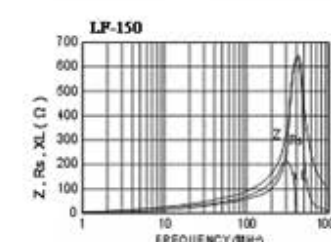
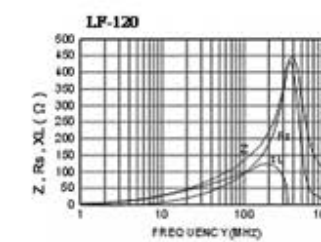
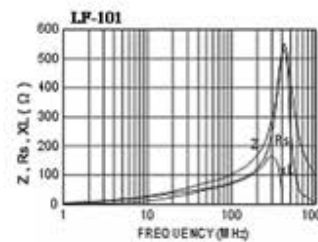
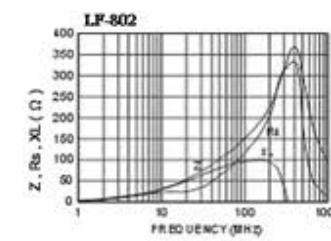
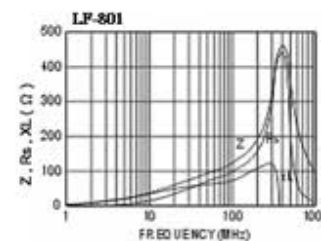
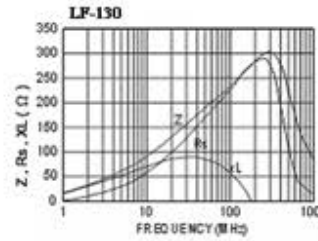
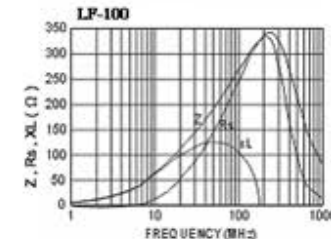
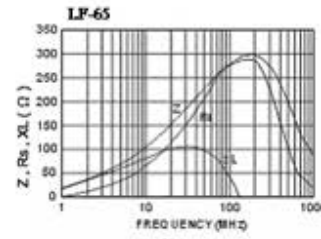
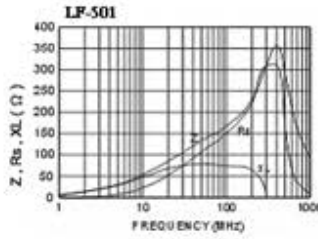
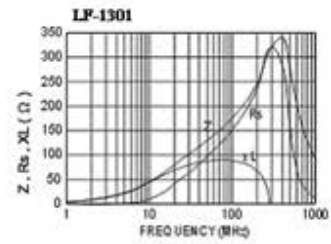
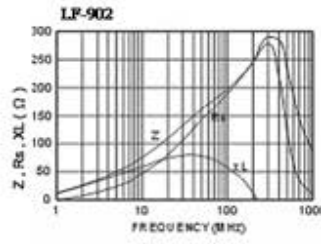
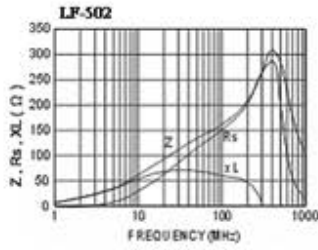
Part No.	Fig.	A (±1)	B (±1)	C (±1)	D (±1)	E (±1)	Impedance (Ω) Min		Use Cable Dia. Max
							25 MHz	100 MHz	
LF-35	5	15.0	15.0	4.0	25.2	---	55	95	Φ4
LF-50	5	16.5	16.5	5.2	29.5	---	70	120	Φ5
LF-501	2	15.0	14.0	5.2	23.0	---	70	120	Φ5
LF-502	1	13.0	11.8	5.0	25.5	---	60	100	Φ5
LF-503	1	17.0	15.0	5.2	30.0	---	130	210	Φ5
LF-60	6	18.5	14.0	6.0	15.5	---	60	80	Φ6
LF-65	2	20.5	20.0	6.5	33.0	---	120	200	Φ6.5
LF-70	4	15.5	14.0	7.0	18.0	22.0	40	75	Φ7
LF-702	1	17.0	15.0	7.0	30.0	---	70	130	Φ7
LF-75	5	21.0	21.0	7.5	39.0	---	90	150	Φ7.5
LF-801	3	19.5	23.0	8.1	17.0	23.0	42	85	Φ8
LF-802	3	19.5	23.0	8.1	20.0	26.0	50	110	Φ8
LF-90	7	21.0	17.0	20.0	9.0	---	45	90	Φ9
LF-901	4	20.5	19.5	9.0	31.5	35.5	80	130	Φ9
LF-902	1	19.5	18.0	9.0	35.0	---	80	130	Φ9
CT-0933	1	22.5	22.5	9.5	43.0	---	105	190	Φ9.5
CT-0933-2B	1	22.0	23.5	12.2	43.0	---	100	180	Φ12
LF-100	2	25.5± 1.0	23.5± 1.0	10.0± 0.5	33.0± 1.0	---	80	130	Φ10
LF-101	3	24.5± 1.0	28.5± 1.0	10.2± 0.5	13.5± 1.0	20.0± 1.0	35	75	Φ10
LF-102	1	21.5± 1.0	20.0± 1.0	10.0± 1.0	35.0± 1.0	---	144	240	Φ10
LF-103	4	20.5± 1.0	20.5± 1.0	10.0± 0.5	32.0± 1.0	36.0± 1.0	100	160	Φ10
LF-110	4	20.5± 1.0	21.0± 1.0	11.0± 0.5	32.0± 1.0	36.0± 1.0	60	110	Φ11
LF-1101	1	21.0± 1.0	20.0± 1.0	11.0± 0.5	36.0± 1.0	---	80	170	Φ11
LF-120	3	28.0± 1.0	32.0± 1.0	11.5± 0.5	18.0± 1.0	24.0± 1.0	50	100	Φ11.5
LF-130	2	32.5± 1.0	30.0± 1.0	13.0± 0.5	33.0± 1.0	---	105	170	Φ13
LF-1301	1	23.5± 1.0	22.5± 1.0	13.0± 0.5	36.0± 1.0	---	70	120	Φ13
LF-1302	4	31.5± 1.0	30.5± 1.0	13.0± 0.5	34.0± 1.0	39.5± 1.0	80	130	Φ13
LF-150	3	29.0± 1.0	33.0± 1.0	15.0± 0.5	15.5± 1.0	21.5± 1.0	30	70	Φ15
LF-190	2	29.5± 1.0	29.4± 1.0	19.4± 0.5	42.0± 1.0	---	90	160	Φ19



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ROUND CABLE EMI CORES / LF TYPE



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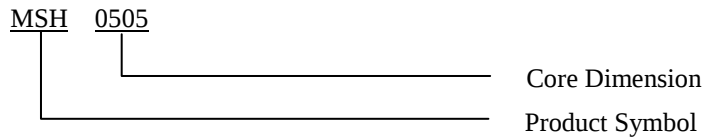
SMD EMI BEADS / MSH TYPE

APPLICATIONS

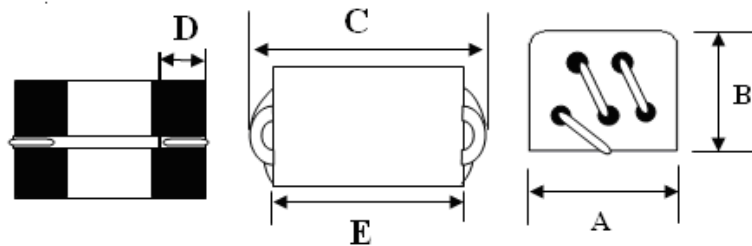
The wide band choke cores are mainly used in the PC boards to filters the EMI from the outsides.



ORDERING CODE



SHAPES



DIMENSIONS & CHARACTERISTICS (UNIT: mm)

Part No.	Impedance (Ω) (MIN)		A (± 0.3)	B (± 0.3)	C (Max)	D (± 0.5)	E
	25 MHz	100 MHz					
MSH0505-02	128	280	5.0	4.6	8.0	1.5	5.5 ± 0.3
MSH0510-02	300	600	5.0	4.6	11.0	2.0	8.4 ± 0.2



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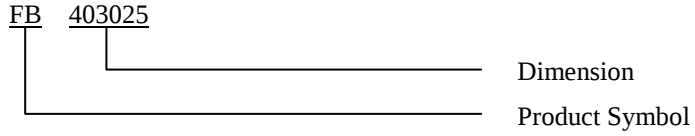
<http://www.coremaster.com.tw>

SURFACE MOUNT BEADS / FB TYPE

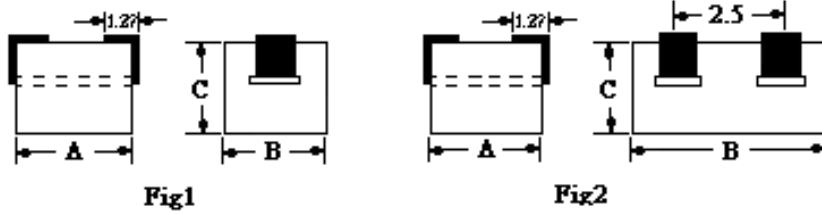
APPLICATIONS

Computer disk drive and PC Board to filter the EMI from
Outside source, Car radio, Mobile phone and VCRS.

ORDERING CODE

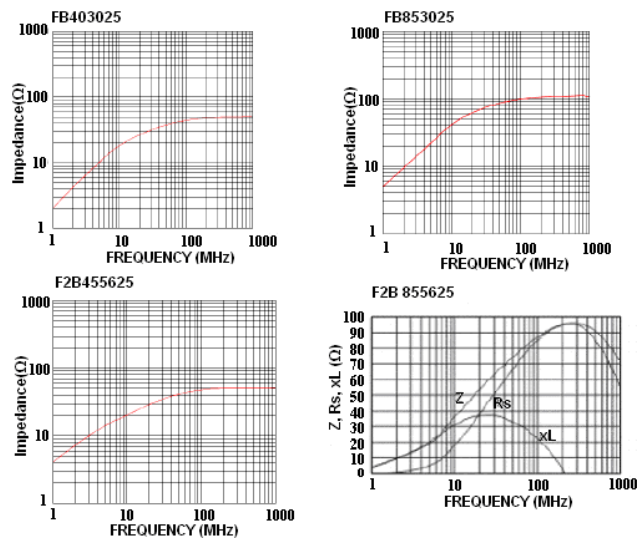


SHAPES



DIMENSIONS (UNIT: mm)

Part No.	Fig.	A	B	C	Impedance (Ω) Min	
					25MHz	100MHz
FB 403025	1	4.0 ± 0.20	3.0 ± 0.20	2.5 ± 0.20	25	35
FB 853025	1	8.5 ± 0.25	3.1 ± 0.15	2.5 ± 0.15	60	90
F2B 455625	2	4.5 ± 0.25	5.6 ± 0.20	2.5 ± 0.20	20	35
F2B 855625	2	8.5 ± 0.25	5.6 ± 0.20	2.5 ± 0.20	48	70



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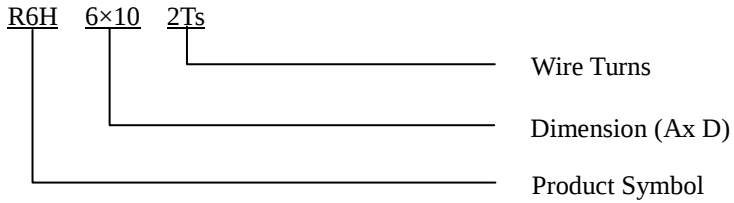
WIDE BAND CHOKE CORES / R6H TYPE

APPLICATIONS

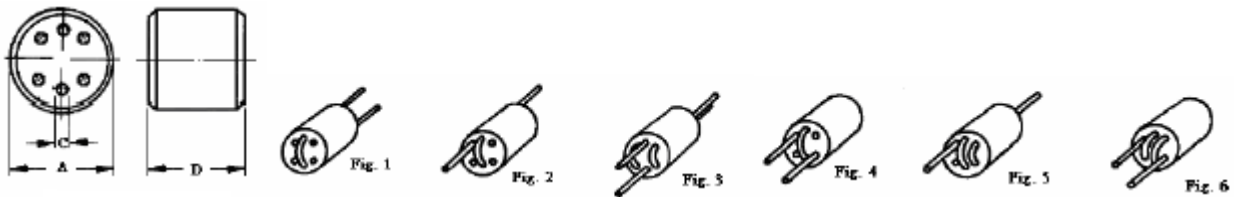
- ◆ R6H Type Cores are used for Wide Band Choke. The impedance is substantially resistive and constant.
- ◆ Used in PC boards to filter the EMI from the outsiders.
- ◆ For radio and TV, small motor ignition device, computer disk driver, communication equipment, and etc.



ORDERING CODE



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DIMENSIONS & CHARACTERISTICS (UNIT: mm)

Part No.	Turns	Fig.	Impedance (Ω) (MIN)		A	C	D
			25 MHz	100 MHz			
R6H 6×10	1	1	140	320	6.0 ± 0.25	0.80 ± 0.15	10.0 ± 0.4
R6H 6×10	1.5	2	250	480	6.0 ± 0.25	0.80 ± 0.15	10.0 ± 0.4
R6H 6×10	2 x 1.5	3	300	480	6.0 ± 0.25	0.80 ± 0.15	10.0 ± 0.4
R6H 6×10	2	4	300	600	6.0 ± 0.25	0.80 ± 0.15	10.0 ± 0.4
R6H 6×10	2.5	5	350	640	6.0 ± 0.25	0.80 ± 0.15	10.0 ± 0.4
R6H 6×10	3	6	500	780	6.0 ± 0.25	0.80 ± 0.15	10.0 ± 0.4



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