

CLIP FERRITE CORE FOR FLAT CABLE / FI TYPE

APPLICATIONS

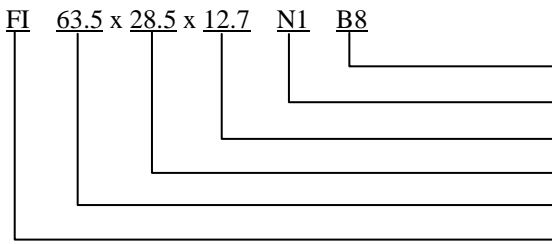
- ◆ Cables between pc boards and data connectors, floppy disk and hard disk ribbon cables, printer cables, retrofit, auxiliary EMI attenuation, internal ribbon cables with series digital signal busses



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

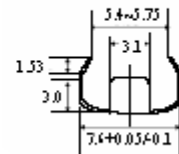
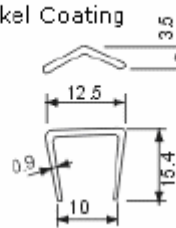
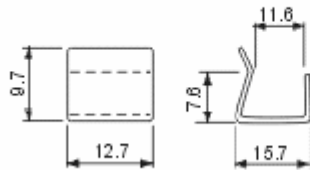
CLIP MATERIAL

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

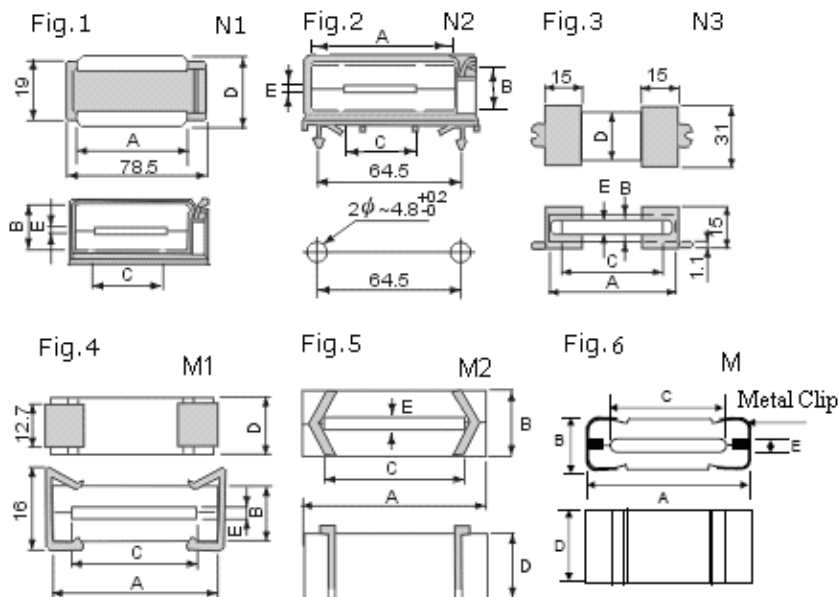
M1: Spring Steel
Nickel Coating

M2: Piano wire
Nickel Coating

M: SK5 WITH HEAT TREATMENT



SHAPES



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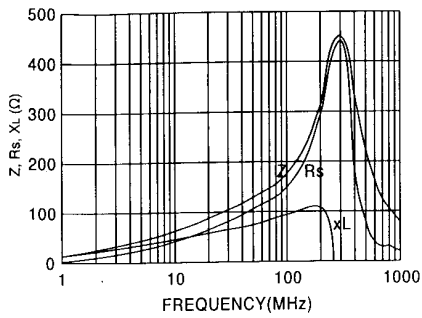
<http://www.coremaster.com.tw>

CLIP FERRITE CORE FOR FLAT CABLE / FI TYPE

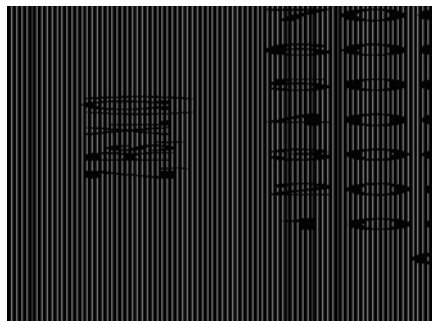
DIMENSIONS: UNIT: mm

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

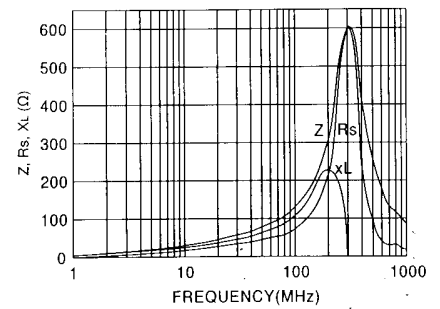
FI 38x25.4x12.7



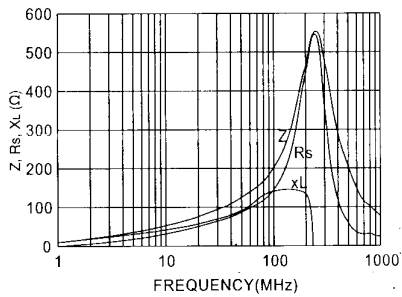
FI 45x15x12.7



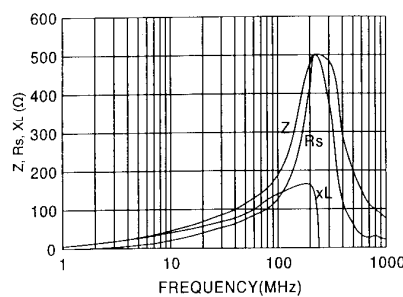
FI 55.1x15x12.7



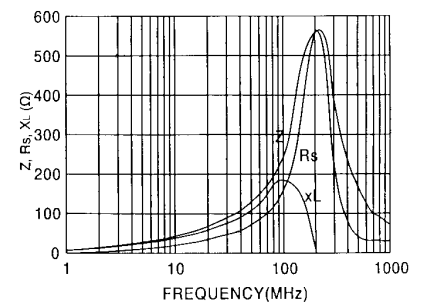
FI 55.1x15x12.7



FI 63.5x28.5x12.7



FI 76.2x28.5x12.7



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EMI BEADS (DIP) / RHWT TYPE

FEATURES

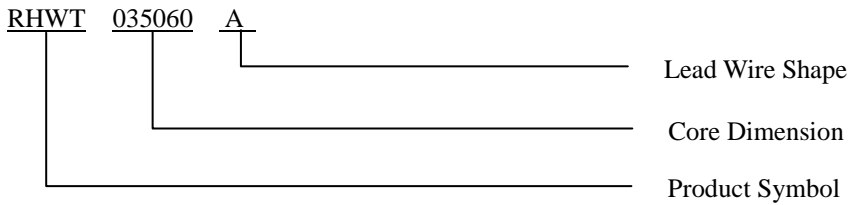
- ◆ Employ high performance ferrites with superior frequency characteristics.

APPLICATIONS

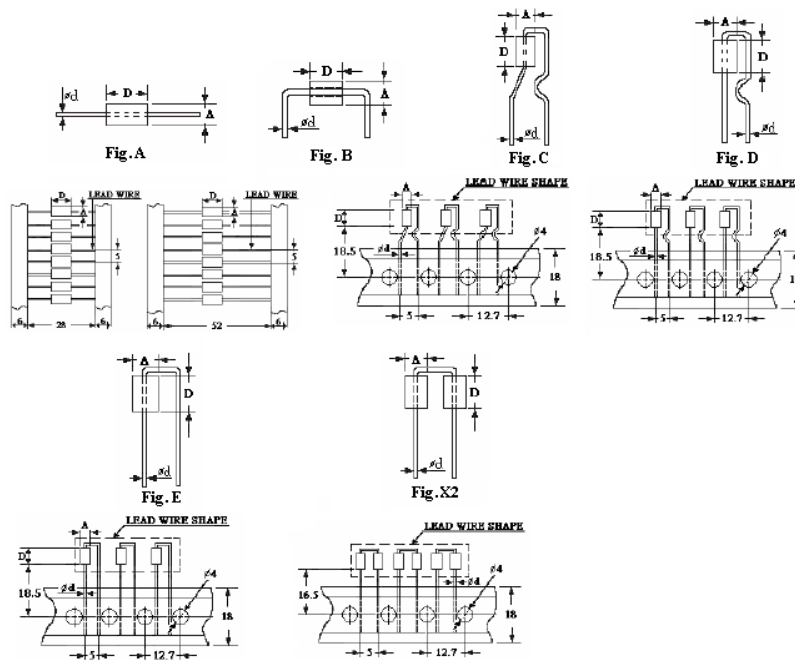
- ◆ Prevent spike noise
- ◆ Prevent intrusion and radiation of unnecessary signals into the clock pulse oscillation section and various interfaces, except those for RGB and composite signals.



ORDERING CODE



LEAD WIRE SHAPE & TAPING SHAPE (UNIT: mm)



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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 | | C | 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 | | E | 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 | |



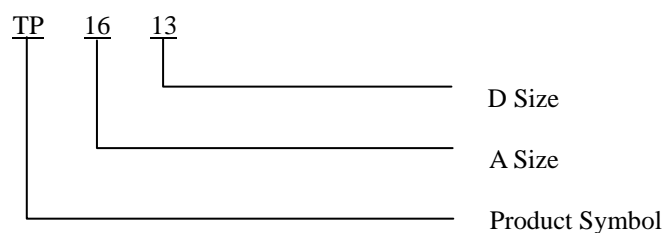
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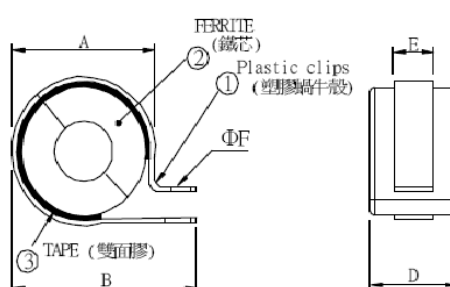
EMI SUPPRESSION CORES WITH PLASTIC CASE / TP TYPE

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

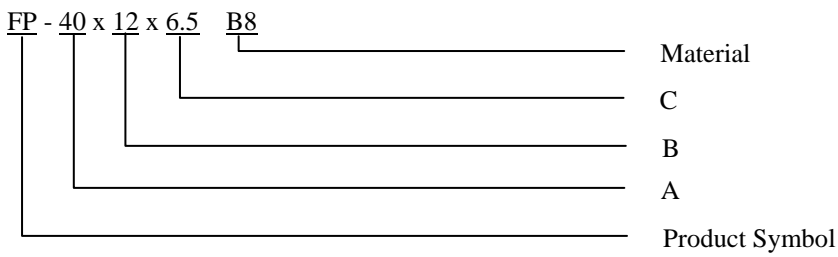
- ◆ Internal floppy disk and harddisk ribbon cables
- ◆ Internal ribbon cables between circuit boards and data connectors
- ◆ Internal ribbon cables with series digital signal busses



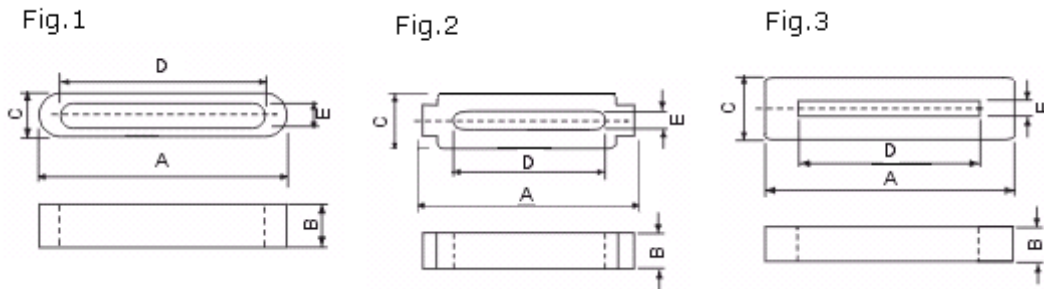
MATERIAL

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 |



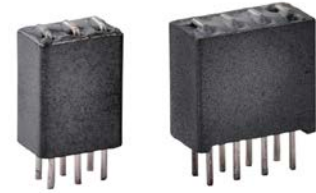
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MULTILINE BEADS MOUNT FILTERS / S6H、S8H TYPE

FEATURES

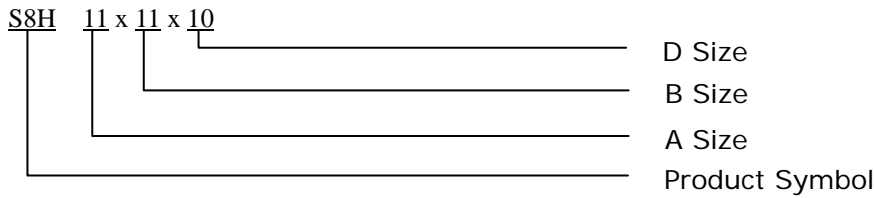
Multiple single printed circuit beads or multi-turn printed circuit beads are available in various materials. Cores are supplied with tinned copper jumper wires, which complete the desired winding configuration on the printed circuit board.



APPLICATIONS

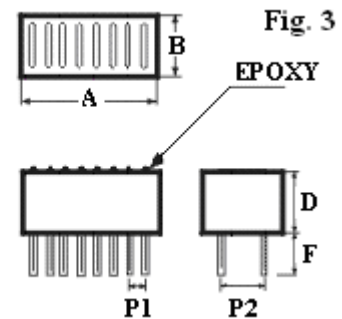
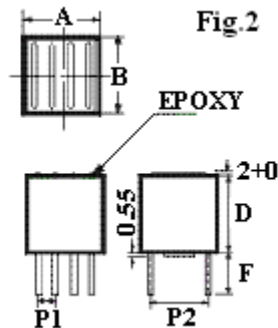
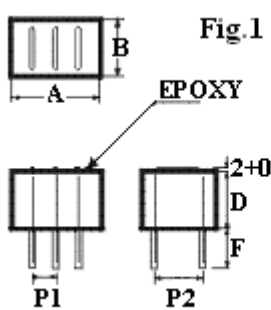
Filtering DC power to external peripherals. Filtering low frequency in put/out put signals of shielded enclosures. Data Bus filters. Application where low DCR is needed.

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±0.25 | 5.00±0.25 | 10.00±0.30 | 5.30±0.3 | 2.54±0.2 | 2.54±0.2 | 150 | 226 |
| S8H 11x11x10 | 2 | 10.80±0.30 | 10.8±0.3 | 10.15±0.25 | 3.2+0.4/-0 | 2.54±0.2 | 7.62±0.2 | 190 | 300 |
| S8H 11x5.5x10 | 2 | 10.88±0.30 | 5.49±0.25 | 10.00±0.30 | 3.19±0.3 | 2.54±0.2 | 2.54±0.2 | 160 | 200 |
| S16H 20x5x3 | 3 | 20.00±0.30 | 5.00±0.30 | 3.00±0.20 | 2.54±0.2 | 2.54±0.2 | 3.00±1.0 | 40 | 64 |
| S16H 20x5x4 | 3 | 20.00±0.30 | 5.00±0.30 | 4.00±0.20 | 2.54±0.2 | 2.54±0.2 | 4.00±1.0 | 45 | 80 |



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NI-ZN EMI BEAD CORES / RH TYPE

FEATURES

- ◆ Easy installation
- ◆ Compact and high performance



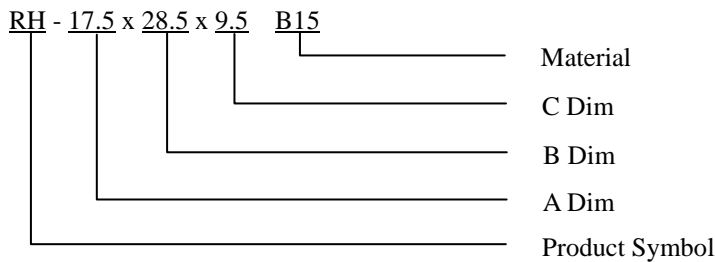
APPLICATIONS

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

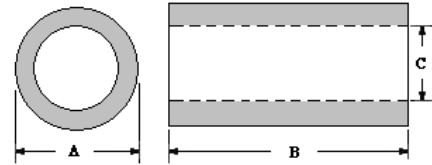
MATERIAL

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

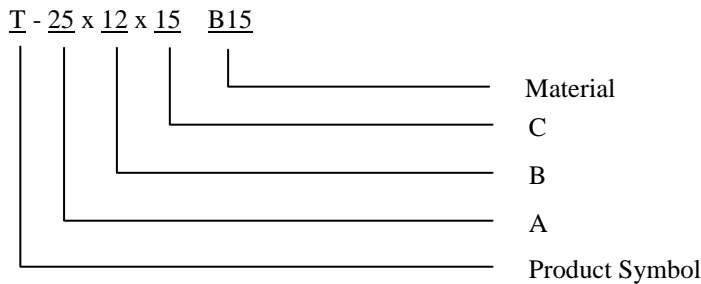
- ◆ Equipment using sensors
- ◆ TVs, FM/AM Tuners, VTRs/VCRs
- ◆ Harness noise countermeasures for automobiles Computers, NC machines, and Plain paper copiers
- ◆ Measuring equipment, OA equipment, terminal equipment and ISDN terminal equipment



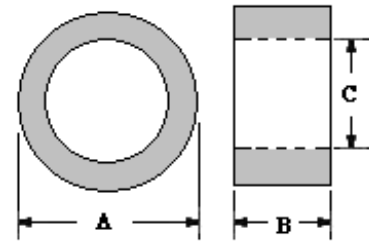
MATERIAL

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

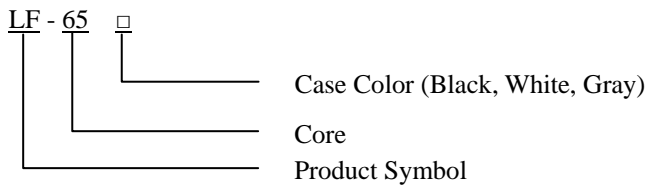
- ◆ Easy installation
- ◆ Internal dimensions are from 4mm to 19 mm diameter.
- ◆ The smooth surface prevents damage to wire insulation.



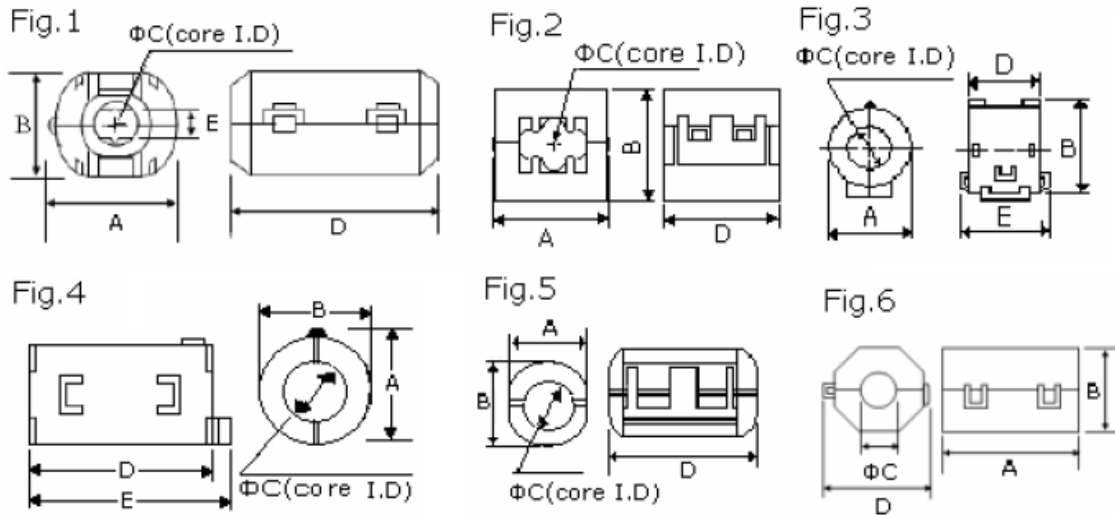
APPLICATIONS

- ◆ 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)

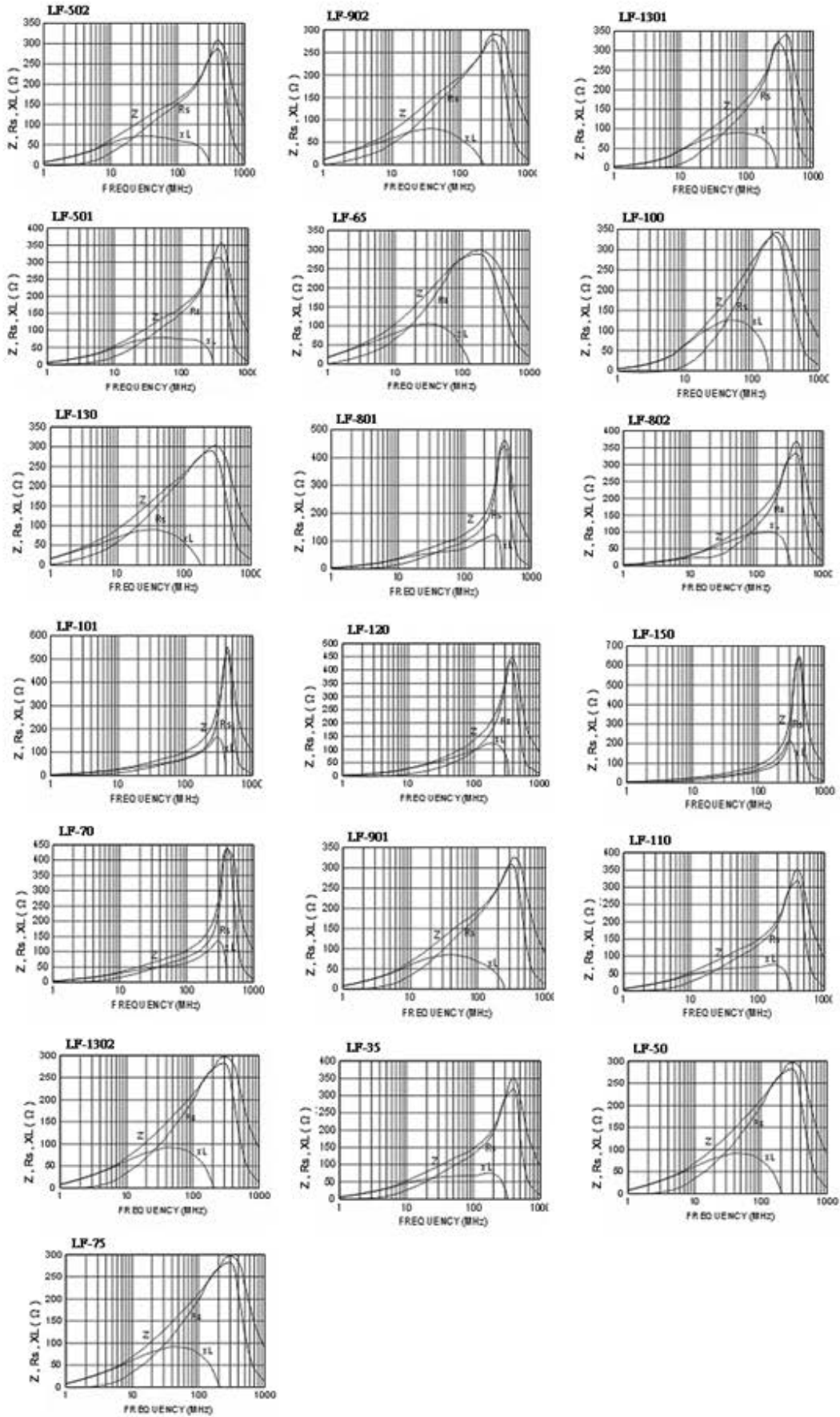
| Part No. | Fig. | A (±1) | B (±1) | C (±1) | D (±1) | E (±1) | Impedance (Ω) Min | | Use Cable Dia. Max |
|-------------------|------|-----------|-----------|-----------|-----------|-----------|----------------------|---------|--------------------------|
| | | | | | | | 25 MHz | 100 MHz | |
| LF-35 | 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-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 | 23.5 | 10.0 | 33.0 | --- | 80 | 130 | Φ10 |
| LF-101 | 3 | 24.5 | 28.5 | 10.2 | 13.5 | 20.0 | 35 | 75 | Φ10 |
| LF-102 | 1 | 21.5 | 20.0 | 10.0 | 35.0 | --- | 144 | 240 | Φ10 |
| LF-110 | 4 | 20.5 | 21.0 | 11.0 | 32.0 | 36.0 | 60 | 110 | Φ11 |
| LF-1101 | 1 | 21.0 | 20.0 | 11.0 | 36.0 | --- | 80 | 170 | Φ11 |
| LF-120 | 3 | 28.0 | 32.0 | 11.5 | 18.0 | 24.0 | 50 | 100 | Φ11.5 |
| LF-130 | 2 | 32.5 | 30.0 | 13.0 | 33.0 | --- | 105 | 170 | Φ13 |
| LF-1301 | 1 | 23.5 | 22.5 | 13.0 | 36.0 | --- | 70 | 120 | Φ13 |
| LF-1302 | 4 | 31.5 | 30.5 | 13.0 | 34.0 | 39.5 | 80 | 130 | Φ13 |
| LF-150 | 3 | 29.0 | 33.0 | 15.0 | 15.5 | 21.5 | 30 | 70 | Φ15 |
| LF-190 | 2 | 29.5 | 29.4 | 19.4 | 42.0 | --- | 90 | 160 | Φ19 |

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ROUND CABLE EMI CORES / LF TYPE



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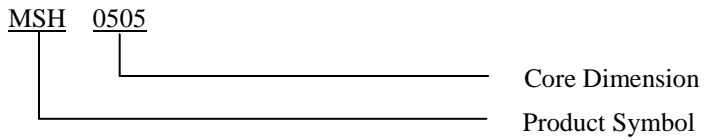
SMD EMI BEADS / MSH TYPE

APPLICATIONS

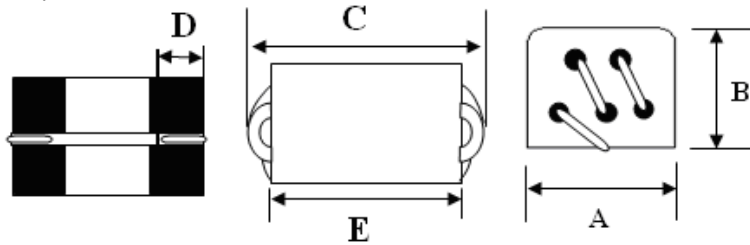
The wide band choke cores are mainly used in the PC boards to filters the EMI from the outsides.



ORDERING CODE



SHAPES



DIMENSIONS & CHARACTERITICS (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 \pm 0.3 |
| MSH0510-02 | 300 | 600 | 5.0 | 4.6 | 11.0 | 2.0 | 8.4 \pm 0.2 |



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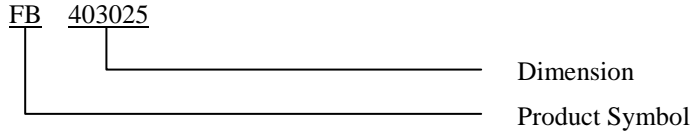
<http://www.coremaster.com.tw>

SURFACE MOUNT BEADS / FB TYPE

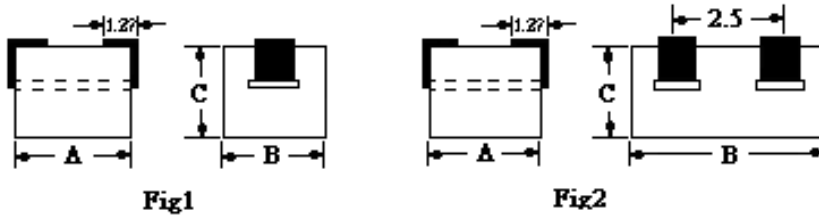
APPLICATIONS

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

ORDERING CODE

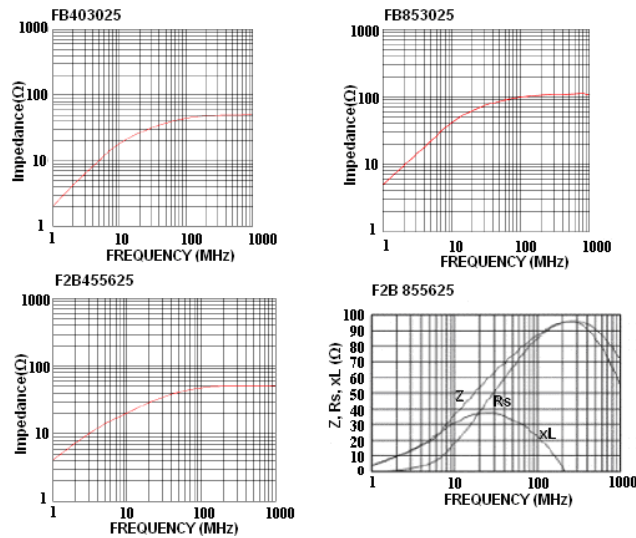


SHAPES



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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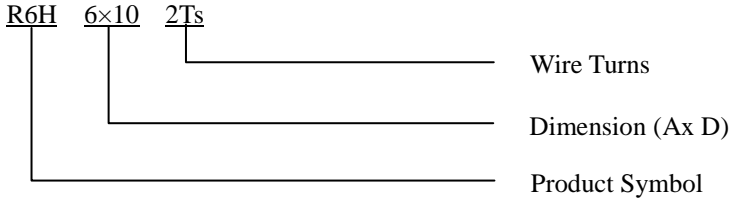
WIDE BAND CHOKE CORES / R6H TYPE

APPLICATIONS

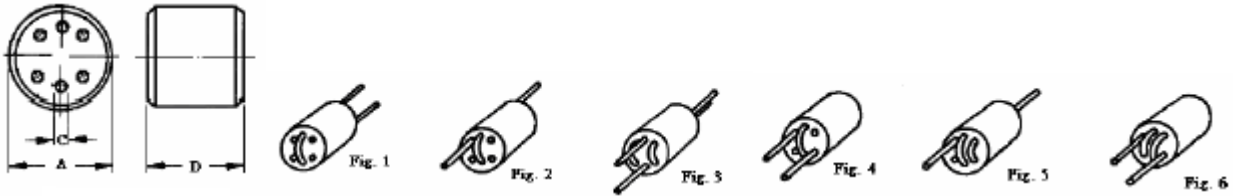
- ◆ R6H Type Cores are used for Wide Band Choke. The impedance is substantially resistive and constant.
- ◆ Used in PC boards to filter the EMI from the outsides.
- ◆ For radio and TV, small motor ignition device, computer disk driver, communication equipment, and etc.



ORDERING CODE



SHAPES



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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