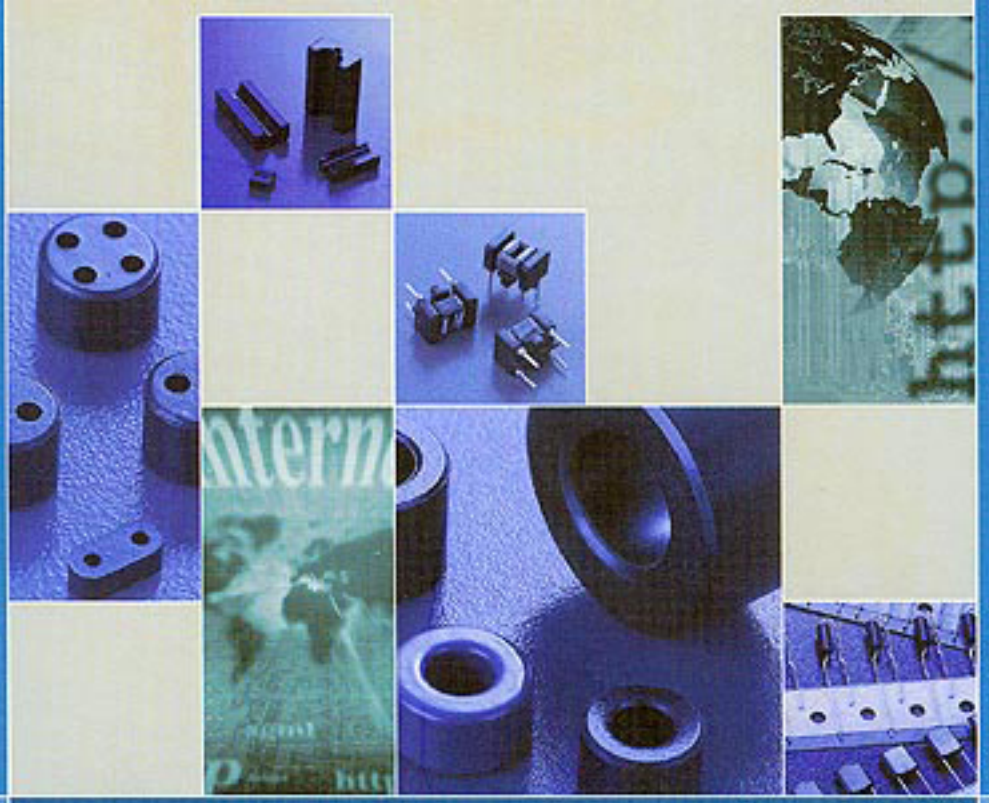
萊洋科技股份有限公司
QUEEN CORE ELECTRONICS INC.

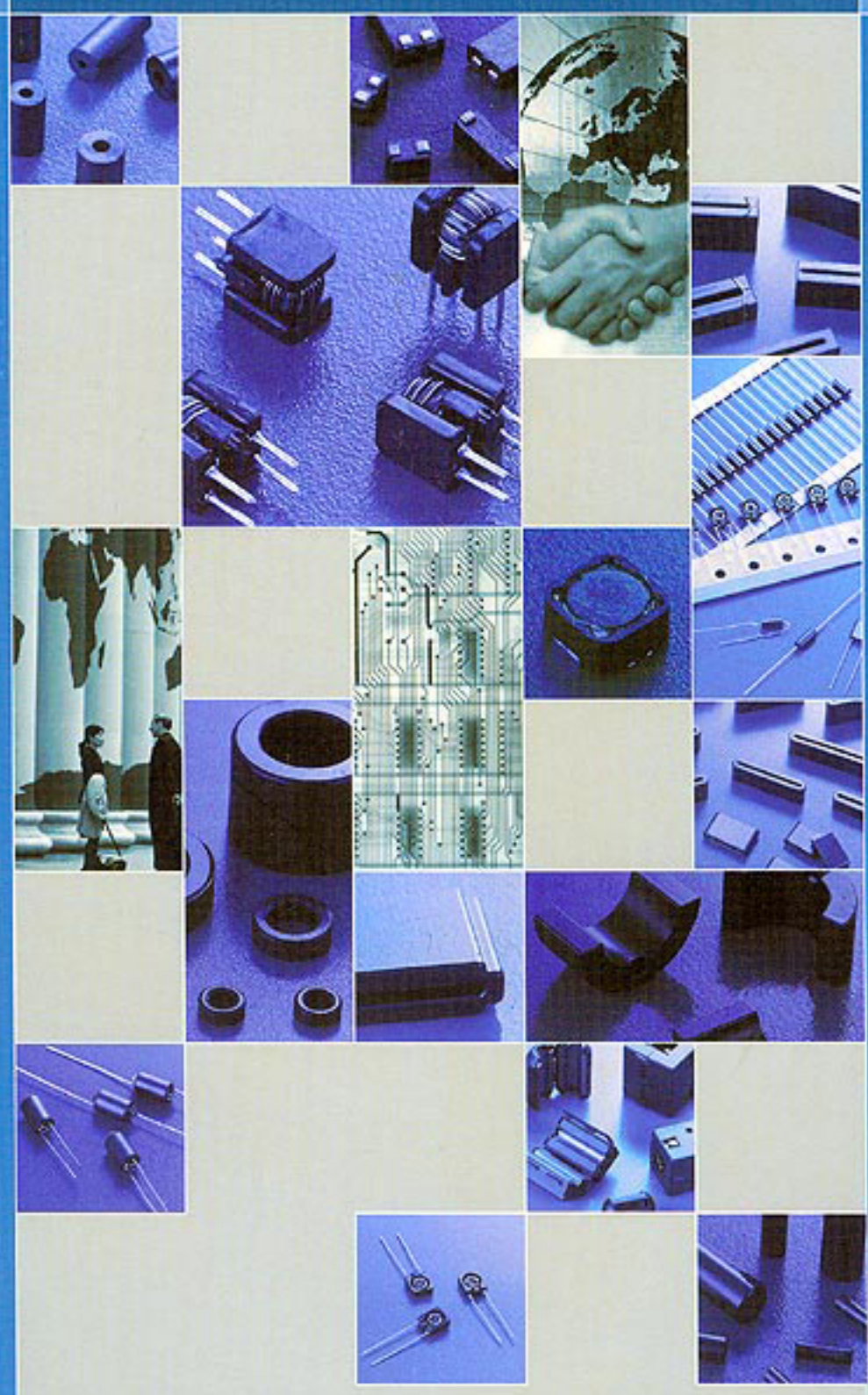
桃園縣楊梅鎮民富路三段929巷81號
No. 81, LANE. 929, SEC. 3, MING-FU ROAD, YANG MEI CHEN. TAO YUAN HSIEN, TAIWAN, R.O.C.

Tel:886-3-4727166 Fax:886-3-4727519



# 萊洋科技股份有限公司

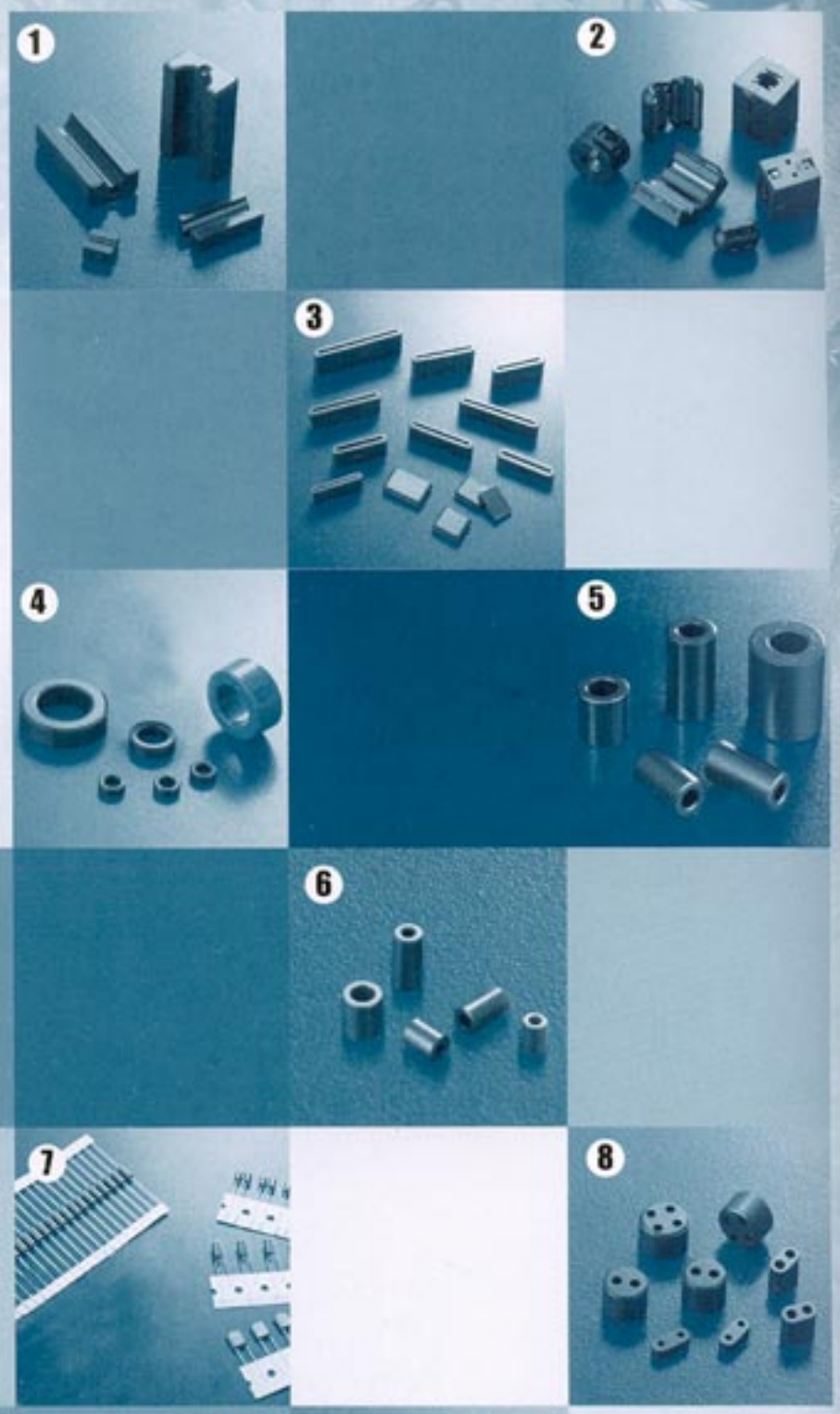
QUEEN CORE ELECTRONICS INC.



QUEEN CORE

# Contents



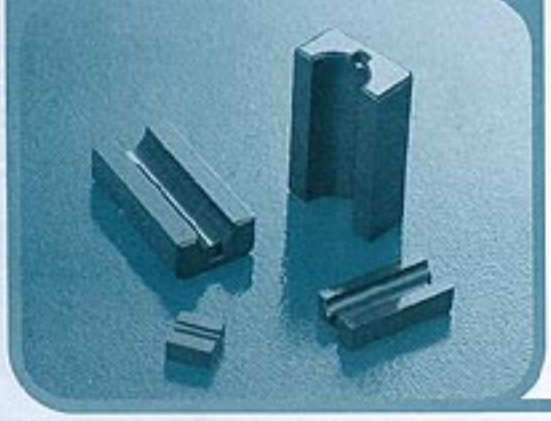


## FERRITESTANDARD CHARACTERISICS OF MATER IALS

| PROPERTY | Practical Frequency | Initial Permeability | Cure Temperature | Specific Gravity | Loss Factor @ MHz | | xTemp Coefs of Initial Permeability |
|---|---|---|---|---|---|---|---|
| Unit | MHz | | ℃ | g/cm3 | ×10-6MHz | | ×10-6/℃ 20℃-70℃ |
| Symbal | | Uiac | T.C | d | 1/Ui Q | | α ur |
| R8B | 0.5-20 | 55±25% | 300 | 4.7 | 400 | 20 | 5-15 |
| R3 | 0.4-20 | 100±25% | 300 | 4.4 | 160 | 20 | 55-130 |
| R8 | 0.3-7.0 | 200±25% | 250 | 4.7 | 35 | 7.0 | 19-32 |
| R1C | 0.1-2.0 | 250±25% | 200 | 4.7 | 110 | 2.0 | 3-10 |
| R3A | 0.1-1.0 | 300±25% | 150 | 4.7 | 100 | 2.0 | 4-12 |
| R7 | 0.1-5.0 | 300±25% | 300 | 4.6 | 90 | 5.0 | 0-7 |
| R2A | 0.1-2.0 | 350±25% | 150 | 4.7 | 60 | 2.0 | 15-40 |
| R7B | 0.1-2.0 | 400±25% | 150 | 4.7 | 60 | 2.0 | 15-40 |
| R5B | 0.1-1.0 | 700±25% | 140 | 4.8 | 250 | 1.0 | 0-7 |
| R5C | 0.1-1.0 | 850±25% | 140 | 4.8 | 265 | 1.0 | 0-7 |
| R5 | 0.1-1.0 | 1000±25% | 130 | 4.8 | 280 | 1.0 | 2-5 |
| R6 | 0.01-0.5 | 1800±25% | 100 | 4.7 | 75 | 0.5 | 0-3 |

# QUEEN CORE

## EMI CORE / FH TYPE



Suppression cores for round cables are available for a range of cable diameters.Installed around a cable, these material cores, provide common-mode filtering for multi-strand cables and differntial mode filtering for single conductors.
Polypropylene cases make the assembly of the core halves a snap. Cores are easily installed in equipment where a retrofit proves necessary.

## 1.Shape

Fig1


Fig2

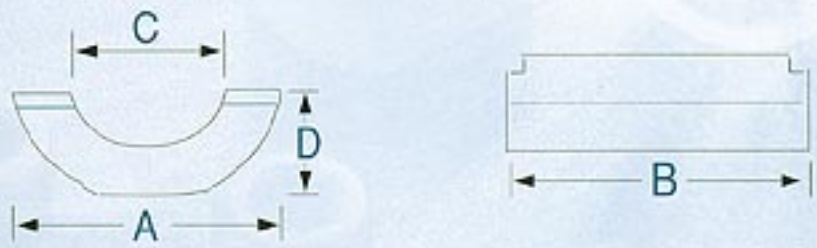
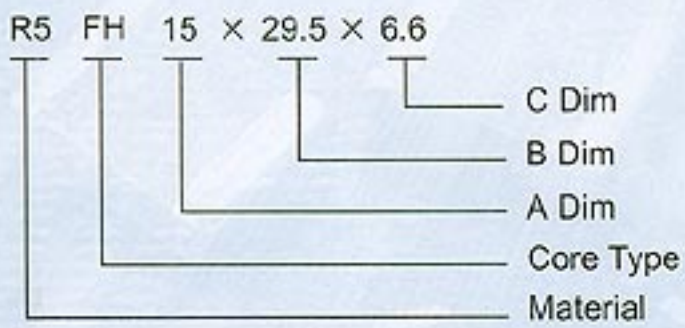



Fig3


Fig4


## 2.Ordering Code



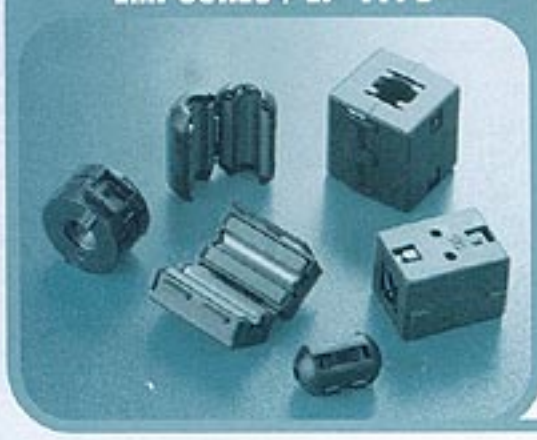

## 3.Material

R5

## 4. Dimensions(m/m)

| CORES | A m/m | B m/m | C m/m | D m/m | Fig | IMPEDANCE ( OHM ) | |
|---|---|---|---|---|---|---|---|
| | | | | | | 25MHZ MIN. | 100MHZ±20% |
| FH 8.4×15.4×3.8 | 8.4±0.4 | 15.4±0.3 | 3.8±0.3 | 4.2±0.3 | 1 | 35 | 121 |
| FH 9.9×20×5.3 | 9.9±0.3 | 20±0.3 | 5.3±0.3 | 5.1±0.2 | 1 | 55 | 125 |
| FH 9.9×20×5.3-2 | 9.9±0.3 | 20±0.3 | 5.3±0.3 | 4.6±0.2 | 2 | 55 | 135 |
| FH 14.4×28×8 | 14.4±0.7 | 28±0.3 | 8±0.3 | 7.7 ±0.2 | 2 | 90 | 157 |
| FH 16×28×9 | 16±0.7 | 28±0.3 | 9±0.3 | 7.4±0.2 | 2 | 80 | 139 |
| FH7.65×7.8×2.3 | 7.65-0.25 | 7.8-0.5 | 2.3＋0.25 | 3.9-0.25 | 3 | 45 | 109 |
| FH9.9×20×5.3-1 | 9.9±0.3 | 20±0.3 | 5.3±0.3 | 5.1±0.2 | 3 | 65 | 155 |
| FH15×29.5×6.6 | 15±0.7 | 29.5±0.3 | 6.6±0.3 | 7.5±0.3 | 3 | 120 | 227 |
| FH19×29.8×10 | 19±0.7 | 29.8±0.3 | 10±0.3 | 9.8±0.3 | 3 | 110 | 194 |
| FH25.9×29.7×13 | 25.9±0.3 | 29.7±0.3 | 13±0.3 | 13.5±0.3 | 3 | 110 | 235 |
| FH15.9×13×7.9 | 15.9±0.4 | 13±0.3 | 7.9±0.4 | 8±0.3 | 4 | 40 | 112 |
| FH15.9×14.3×7.9 | 15.9±0.4 | 14.3±0.4 | 7.9±0.3 | 8±0.3 | 4 | 45 | 117 |
| FH15.9×16×7.9 | 15.9±0.4 | 16±0.3 | 7.9±0.4 | 8±0.3 | 4 | 55 | 132 |
| FH17.5×12.7×9.5 | 17.5±0.5 | 12.7±0.5 | 9.5±0.3 | 8.8±0.3 | 4 | 35 | 98 |
| FH21×11.9×13.2 | 21±0.4 | 11.9±0.4 | 13.2±0.4 | 10.6±0.25 | 4 | 30 | 82 |
| FH24×14×11.5 | 24±0.4 | 14±0.3 | 11.5±0.3 | 12±0.3 | 4 | 45 | 117 |
| FH25.2×12×15.5 | 25.2±0.6 | 12±0.3 | 15.5±0.5 | 12.7±0.3 | 4 | 30 | 86 |
| FH25.4×12.7×15.5 | 25.4±0.6 | 12.7±0.3 | 15.5±0.5 | 12.7±0.3 | 4 | 30 | 88 |
| | | | | | | | |
| | | | | | | | |

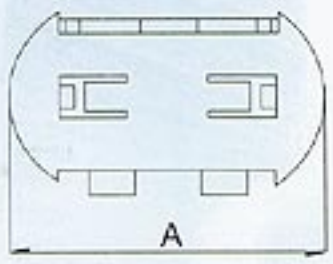
## EMI CORES / LF TYPE



Round Cable Snap-its Can accommodate round cables with diamertrs from 3.5 to 15 mm. These parts are available in several materials and can be used to frequeucies suppress up to 500 MHz. These cable cores will provide common-mode filtering for multi-strand cables and differential mode filtering for single conductors.

## 1.Shape

**Fig1**



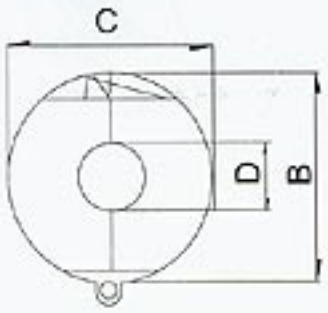
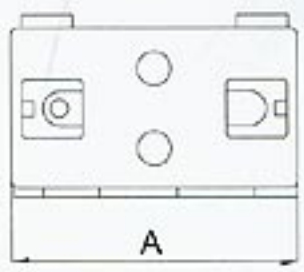




**Fig3**



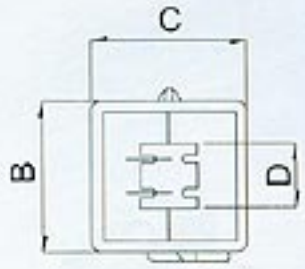
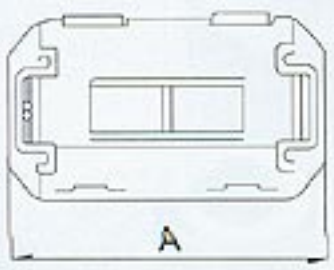




**Fig2**



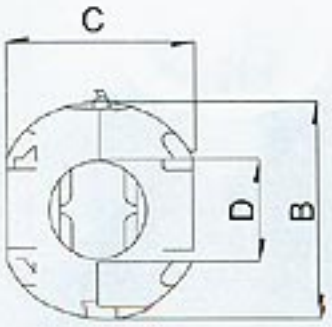
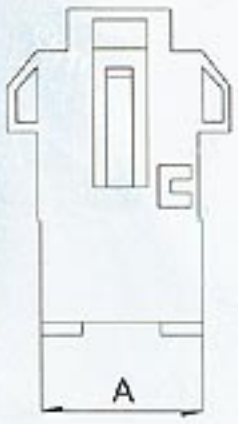
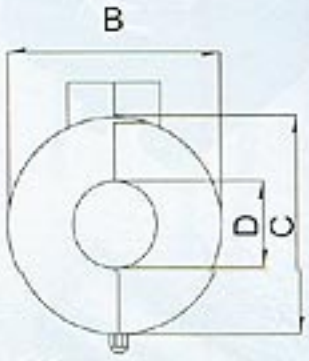
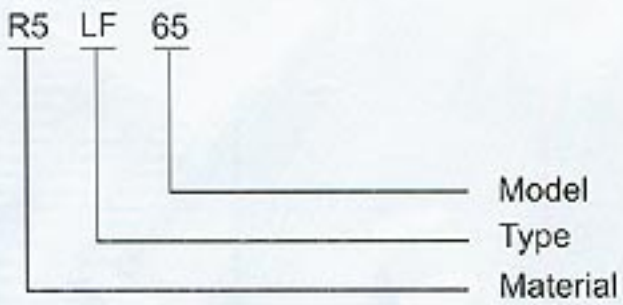




**Fig4**




## 2.Ordering Code




## 3.Material

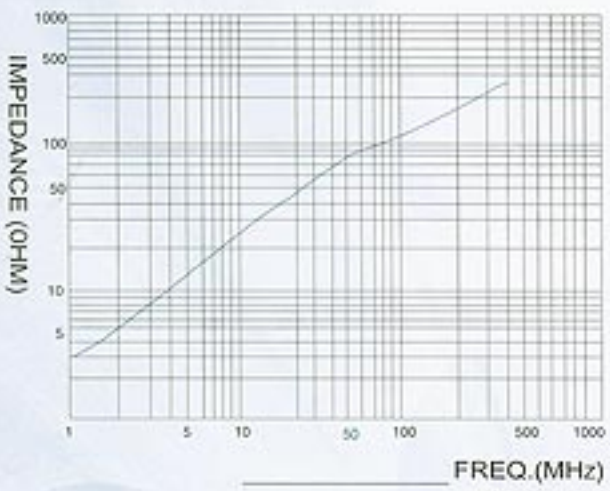
**R5**

## 4. Dimensions(m/m)

| CCORES | A m/m | B m/m | C m/m | D m/m | Fig | IMPEDANCE ( OHM ) | |
|---|---|---|---|---|---|---|---|
| | | | | | | 25MHZ MIN. | 100MHZ±20% |
| LF-35 | 25.2 | 14.7 | 14.5 | 3.8 | 1 | 35 | 121 |
| LF-50 | 29.4 | 15.9 | 15.7 | 5.4 | 1 | 55 | 125 |
| LF-50-1 | 23.4 | 13.4 | 14.0 | 6.1 | 3 | 65 | 155 |
| LF-50-2 | 25.1 | 12.7 | 11.3 | 5.1 | 2 | 55 | 135 |
| LF-65 | 32.9 | 18.1 | 19.4 | 8.0 | 3 | 120 | 227 |
| LF-75 | 35.1 | 19.5 | 17.5 | 8.9 | 2 | 90 | 157 |
| LF-90 | 35.1 | 19.5 | 17.5 | 9.2 | 2 | 80 | 139 |
| LF-100 | 33.0 | 22.8 | 23.3 | 11.7 | 3 | 110 | 194 |
| LF-130 | 33.0 | 30.1 | 30.4 | 14.0 | 3 | 110 | 235 |
| RC-80 | 16.9 | 19.0 | 19.0 | 8.3 | 4 | 35 | 112 |
| RC-80-1 | 20.0 | 19.0 | 19.0 | 8.2 | 4 | 55 | 132 |
| RC-120 | 17.8 | 27.6 | 27.6 | 11.1 | 4 | 45 | 117 |
| RC-150 | 15.5 | 28.8 | 28.8 | 13.3 | 4 | 30 | 86 |
| | | | | | | | |
| | | | | | | | |

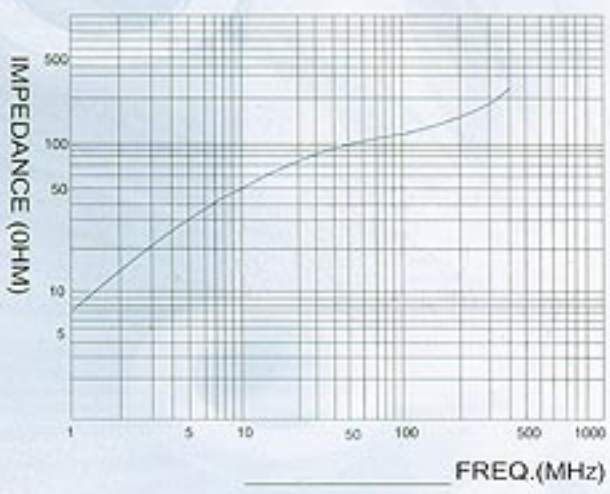
# QUEEN CORE

### LF-35

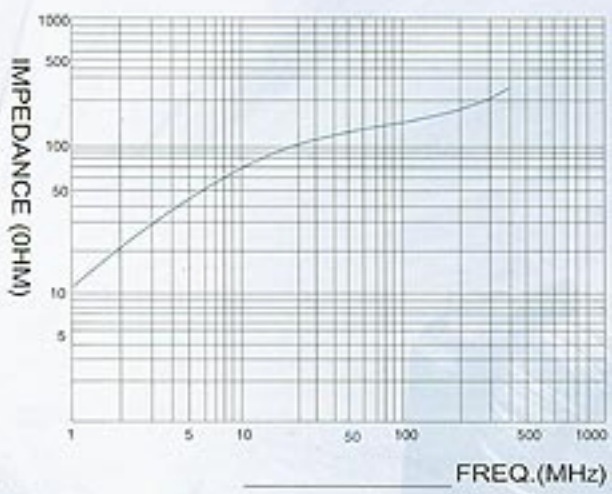



### LF-65

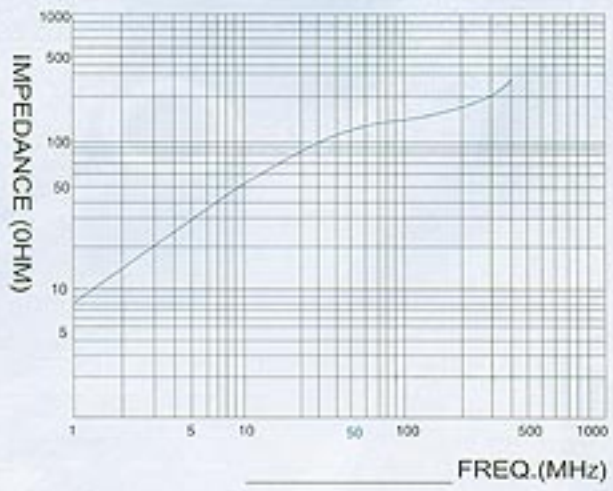

### LF-50



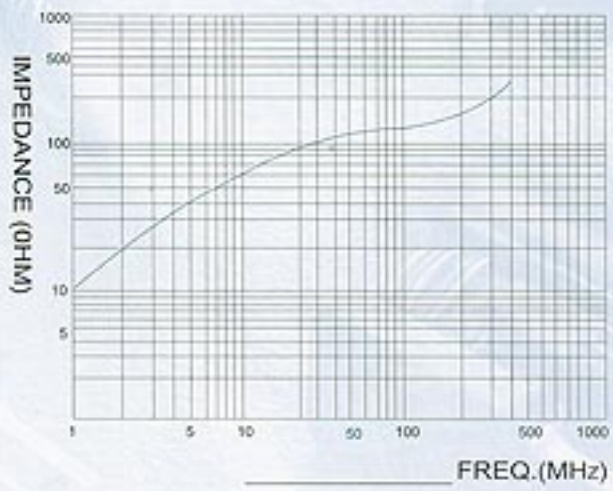

### LF-75



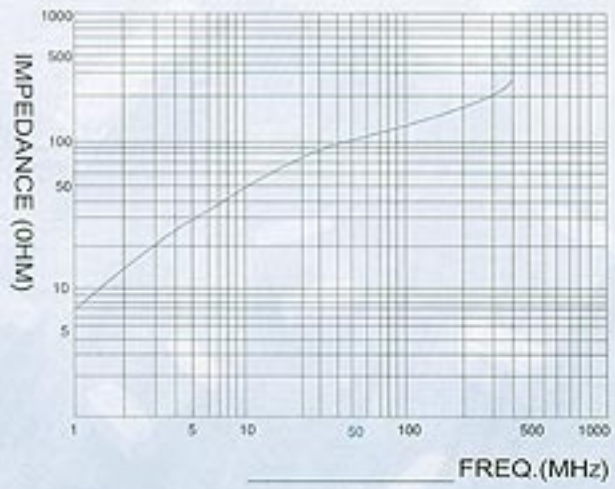

### LF-50-1



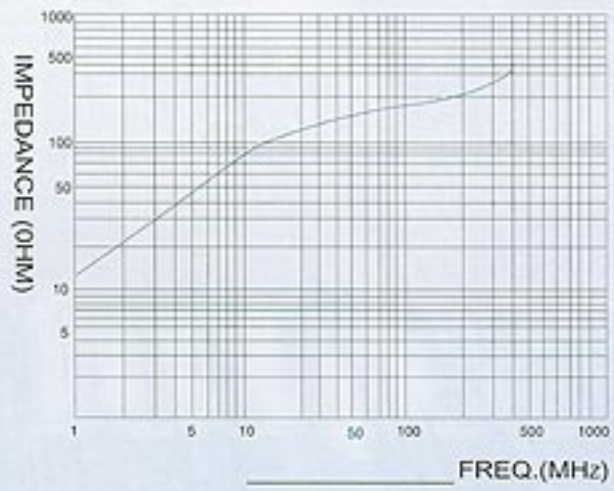

### LF-90



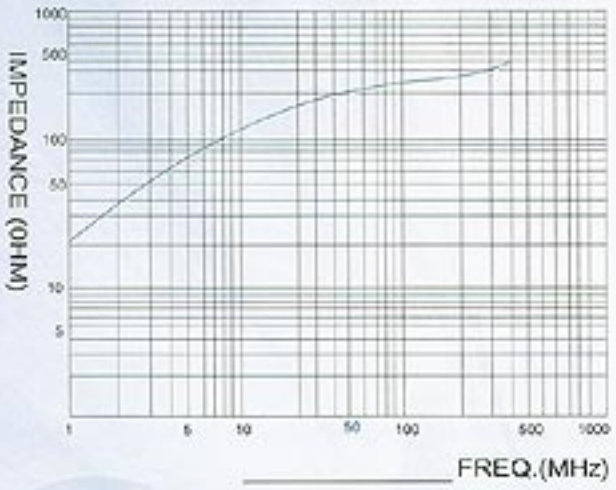

### LF-50-2



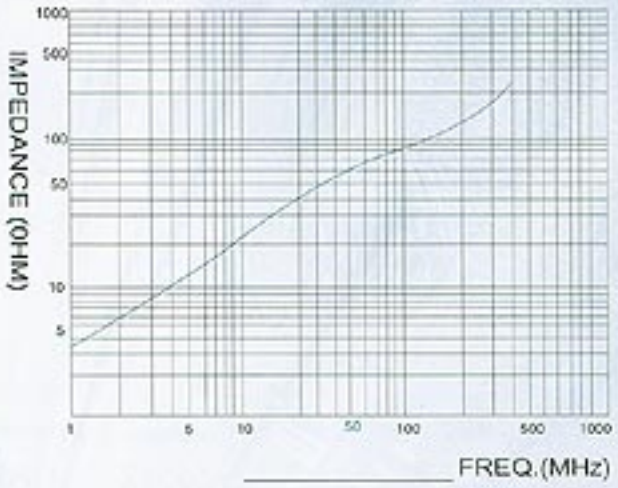

### LF-100



### LF-130

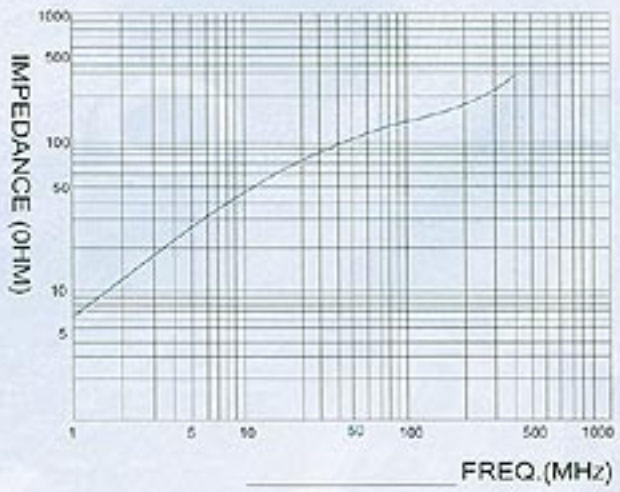



### RC-150

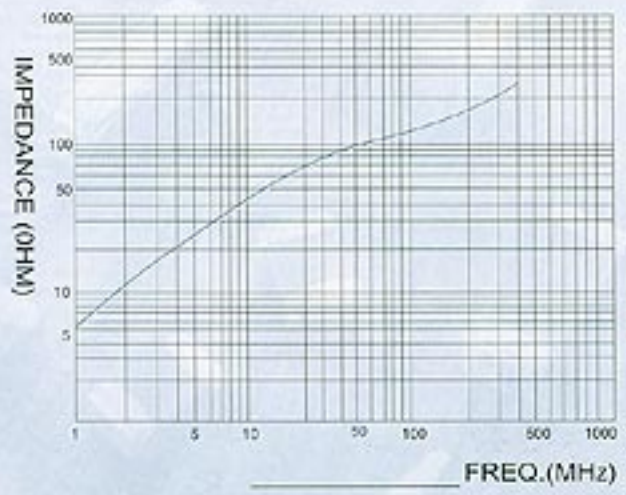



### RC-80


### RC-80-1




### RC-120



# QUEEN CORE

## EMI CORES / FS TYPE

QUEEN CORE offers a line of flat cable EMI suppression cores to attenuate radiated EMI emissions from ribbon cables.These cores can accommodate a range of cable sizes and conductors.

## 1.Shape

**Fig1**

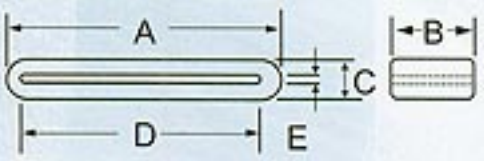



**Fig2**

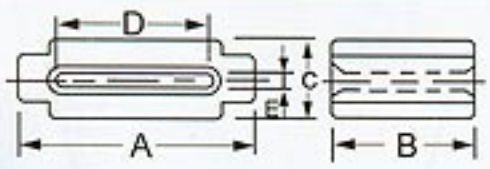
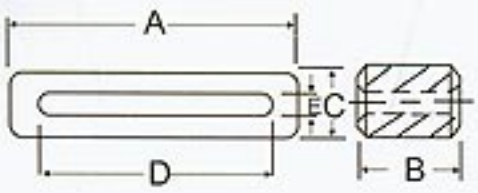
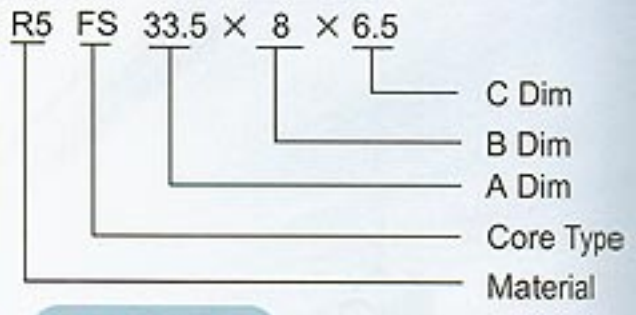



**Fig3**




## 2.Ordering Code




## 3.Material

R5

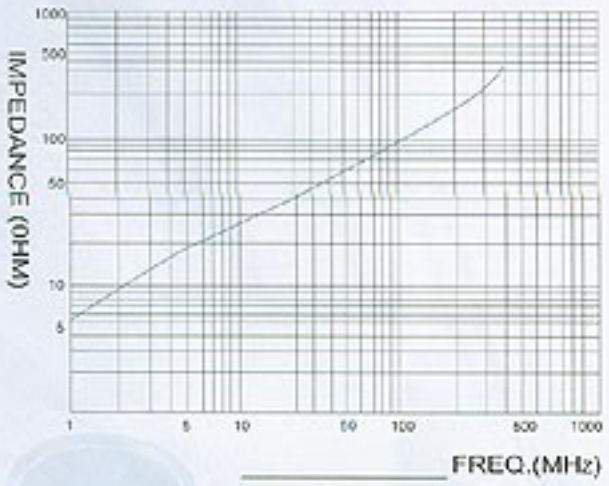
## 4. Dimensions(m/m)

| CCORES | A m/m | B m/m | C m/m | D m/m | E m/m | Fig | IMPEDANCE ( OHM ) | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | 25MHZ MIN. | 100MHZ ±20% |
| FS 14.5×15×2.75 | 14.5±0.5 | 15±0.3 | 2.75±0.3 | 11±0.7 | 0.8±0.1 | 1 | 30 | 96 |
| FS 14.5×20×2.75 | 14.5±0.5 | 20±0.3 | 2.75±0.3 | 11±0.7 | 0.8±0.1 | 1 | 35 | 113 |
| FS 16×8×5 | 16±0.5 | 8±0.5 | 5-0.7 | 11.5±0.7 | 0.5+0.6 | 1 | 25 | 90 |
| FS 16×10×5 | 16±0.5 | 10±0.5 | 5-0.7 | 11.5±0.7 | 0.5+0.6 | 1 | 30 | 100 |
| FS 16×12×5 | 16±0.5 | 12±0.5 | 5-0.7 | 11.5±0.7 | 0.5+0.6 | 1 | 35 | 110 |
| FS 18×8×5 | 18±0.7 | 8±0.3 | 5±0.3 | 14±0.5 | 1.0±0.1 | 1 | 25 | 90 |
| FS 18×12×5 | 18±0.7 | 12±0.5 | 5±0.3 | 14±0.5 | 1.0±0.1 | 1 | 30 | 106 |
| FS 18×14×5 | 18±0.7 | 14±0.5 | 5±0.3 | 14±0.5 | 1.0±0.1 | 1 | 35 | 104 |
| FS 18.7×12×2.75 | 18.7±0.5 | 12±0.4 | 2.75±0.3 | 15±0.4 | 0.7±0.3 | 1 | 9 | 50 |
| FS23.8×7×6.3 | 23.8±0.8 | 7±0.3 | 6.3±0.3 | 19.4±0.5 | 1.1±0.1 | 1 | 20 | 83 |
| FS23.8×15×6.3 | 23.8±0.8 | 15±0.7 | 6.3±0.5 | 19.4±0.8 | 1.1±0.2 | 1 | 37 | 122 |
| FS 25×8×3 | 25±0.8 | 8±0.3 | 3±0.3 | 21±0.7 | 0.8±0.1 | 3 | 20 | 85 |
| FS 25×10×3 | 25±0.8 | 10±0.3 | 3±0.3 | 21±0.7 | 0.8±0.1 | 3 | 21 | 91 |
| FS 25×12×3 | 25±0.8 | 12±0.3 | 3±0.3 | 21±0.7 | 0.8±0.1 | 3 | 23 | 98 |
| FS 25×12×5 | 25±0.8 | 12±0.3 | 5±0.3 | 21±0.7 | 1.0±0.15 | 1 | 30 | 113 |

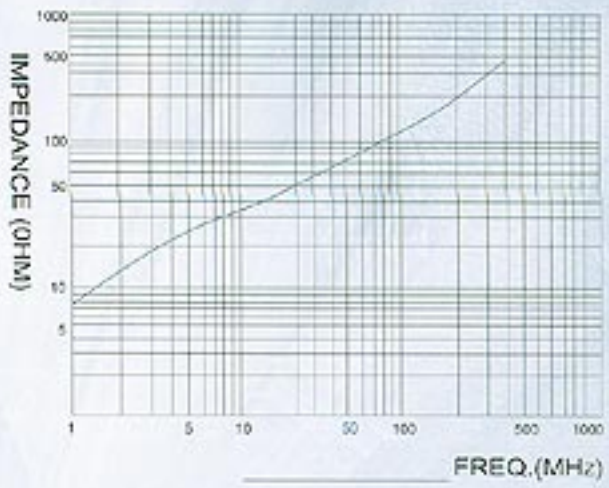
# QUEEN CORE

| CCORES | A m/m | B m/m | C m/m | D m/m | E m/m | Fig | IMPEDANCE (OHM) | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | 25MHZ MIN. | 100MHZ ±20% |
| FS 25×15×5 | 25±0.8 | 15±0.3 | 5±0.3 | 21±0.7 | 1.0±0.15 | 1 | 30 | 113 |
| FS 28×7×7.7 | 28±1.0 | 7±0.4 | 7.7±0.3 | 23±0.7 | 1.5±0.2 | 2 | 20 | 88 |
| FS 28×14.6×7.7 | 28±1.0 | 14.6±0.4 | 7.7±0.3 | 23±0.7 | 1.5±0.15 | 2 | 35 | 118 |
| FS 31×9×5 | 31±1.0 | 9±0.3 | 5±0.3 | 27±0.7 | 0.55±0.15 | 1 | 25 | 112 |
| FS 31×12×5 | 31±1.0 | 12±0.3 | 5±0.3 | 27±0.7 | 0.55±0.1 | 1 | 35 | 133 |
| FS 33.5×8×6.5 | 33.5±1.0 | 8±0.3 | 6.5±0.3 | 27.5±0.7 | 1.3±0.15 | 1 | 23 | 93 |
| FS 33.5×10×6.5 | 33.5±1.0 | 10±0.3 | 6.5±0.3 | 27.5±0.7 | 1.3±0.15 | 1 | 27 | 103 |
| FS 33.5×12×6.5 | 33.5±1.0 | 12±0.3 | 6.5±0.3 | 27.5±0.7 | 1.3±0.15 | 1 | 30 | 110 |
| FS 33.5×15×6.5 | 33.5±1.0 | 15±0.5 | 6.5±0.3 | 27.5±0.7 | 1.3±0.15 | 1 | 30 | 114 |
| FS 33.5×18×6.5 | 33.5±1.0 | 18±0.5 | 6.5±0.3 | 27.5±0.7 | 1.3±0.15 | 1 | 35 | 134 |
| FS 33.5×20×6.5 | 33.5±1.0 | 20±0.5 | 6.5±0.3 | 27.5±0.7 | 1.3±0.15 | 1 | 40 | 141 |
| FS 34×15×6 | 34±1.0 | 15±0.3 | 6±0.3 | 30±0.7 | 0.8±0.15 | 1 | 35 | 136 |
| FS 35×5×8 | 35±1.0 | 5±0.3 | 8±0.3 | 30±0.7 | 1.3±0.15 | 1 | 19 | 82 |
| FS 35×8×8 | 35±1.0 | 8±0.3 | 8±0.3 | 30±0.7 | 1.3±0.15 | 1 | 24 | 96 |
| FS 38.5×12×4 | 38.5±1.0 | 12±0.5 | 4±0.3 | 35±0.7 | 0.8±0.15 | 1 | 17 | 60 |
| FS 40×10×6.5 | 40±1.0 | 10±0.3 | 6.5±0.3 | 34.8±0.7 | 1.3±0.15 | 1 | 26 | 103 |
| FS 40×12×6.5 | 40±1.0 | 12±0.3 | 6.5±0.3 | 34.8±0.7 | 1.3±0.15 | 1 | 25 | 111 |
| FS 40×18×6.5 | 40±1.0 | 18±0.4 | 6.5±0.3 | 34.8±0.7 | 1.3±0.15 | 1 | 40 | 137 |
| FS 45.1×20×12.5 | 45.1±0.76 | 20±0.6 | 12.5±0.25 | 40.5±1.0 | 1.5±0.25 | 3 | 60 | 137 |
| FS 45.1×28.5×12.5 | 45.1±0.76 | 28.5±0.64 | 12.5±0.3 | 34.4±0.64 | 1.5±0.25 | 3 | 77 | 173 |
| FS 45.2×8×6.5 | 45.2±1.0 | 8±0.3 | 6.5±0.3 | 40±0.7 | 1.3±0.15 | 1 | 23 | 96 |
| FS 45.2×12×6.5 | 45.2±1.0 | 12±0.3 | 6.5±0.3 | 40±0.7 | 1.3±0.15 | 1 | 31 | 121 |
| FS 45.2×15×6.5 | 45.2±1.0 | 15±0.5 | 6.5±0.3 | 40±0.7 | 1.3±0.15 | 1 | 25 | 90 |
| FS 45.2×18×6.5 | 45.2±1.0 | 18±0.5 | 6.5±0.3 | 40±0.7 | 1.3±0.15 | 1 | 35 | 124 |
| FS 49.6×10×6.5 | 49.6±1.0 | 10±0.3 | 6.5±0.3 | 44.5±0.7 | 1.3±0.15 | 1 | 26 | 106 |
| FS 49.6×12×6.5 | 49.6±1.0 | 12±0.3 | 6.5±0.3 | 44.5±0.7 | 1.3±0.15 | 1 | 30 | 114 |
| FS 57.6×12×6.5 | 57.6±1.0 | 12±0.3 | 6.5±0.3 | 52±0.7 | 1.3±0.15 | 1 | 30 | 106 |
| FS 57.6×20×6.5 | 57.6±1.0 | 20±05. | 6.5±0.3 | 52±0.7 | 1.3±0.15 | 1 | 30 | 111 |
| FS 60×12.7×12 | 60±1.0 | 12.7±0.5 | 12±0.5 | 48.5±1.0 | 2.5±0.3 | 3 | 40 | 130 |
| FS60.6×12×6.5 | 60.6±1.0 | 12±0.3 | 6.5±0.3 | 54.8±0.7 | 1.3±0.15 | 1 | 25 | 92 |
| | | | | | | | | |

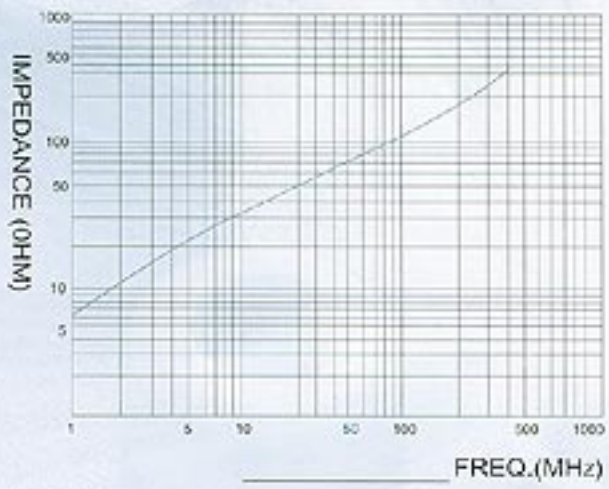
FS 14.5×15×2.75



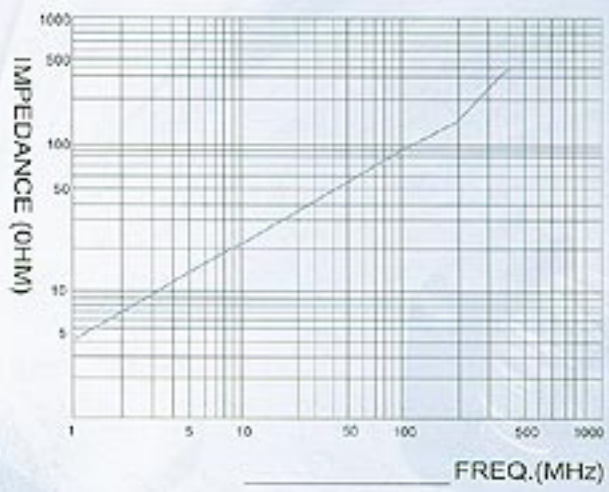

FS 16×12×5



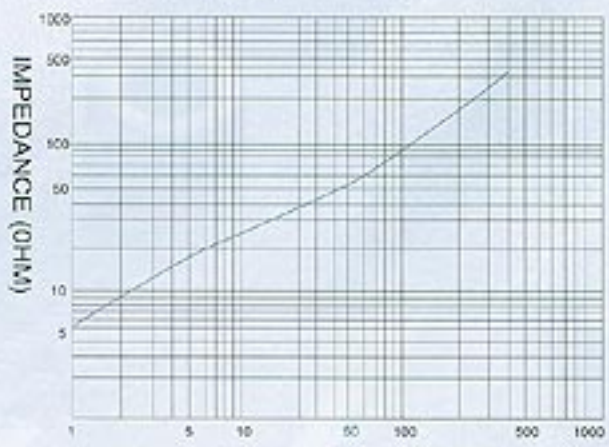

FS 14.5×20×2.75



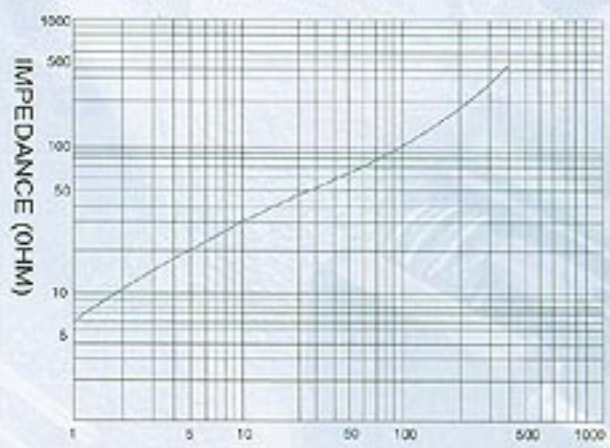

FS 18×8×5



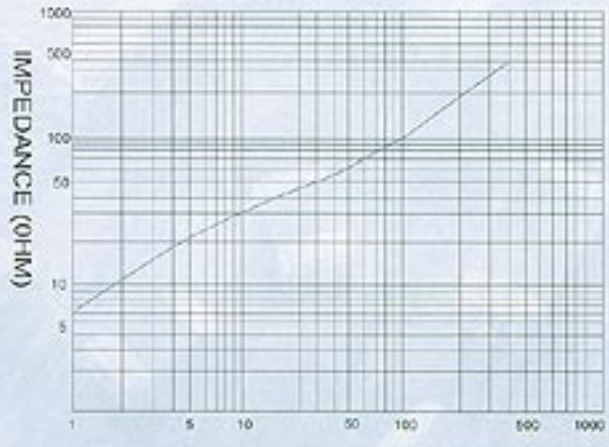

FS 16×8×5



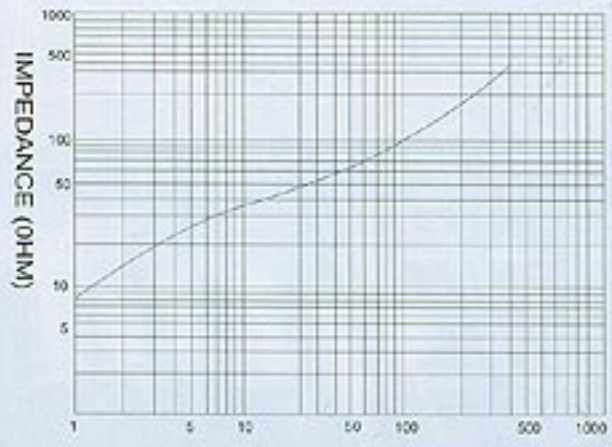

FS 18×12×5



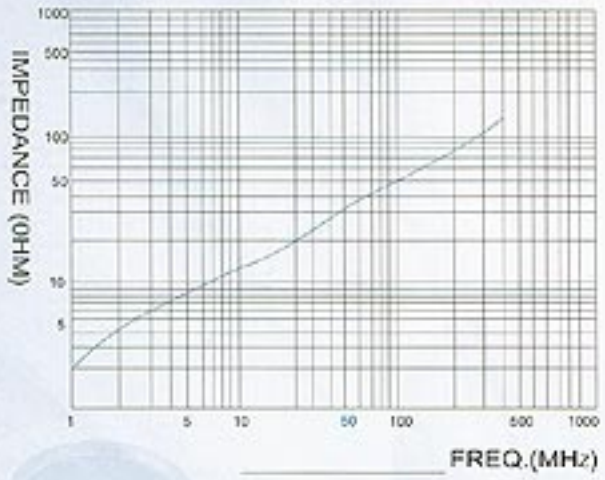

FS 16×10×5



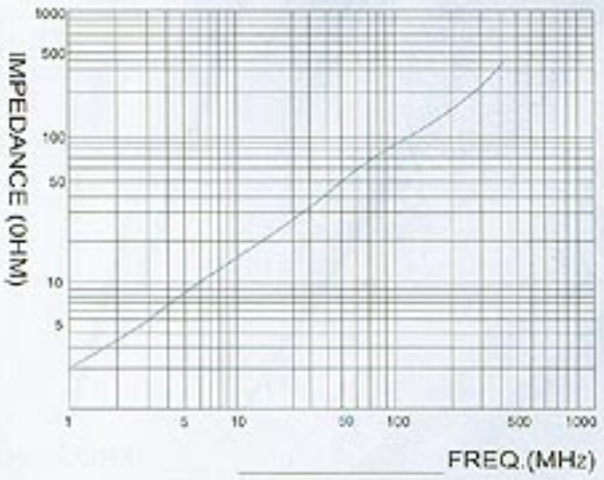

FS 18×14×5



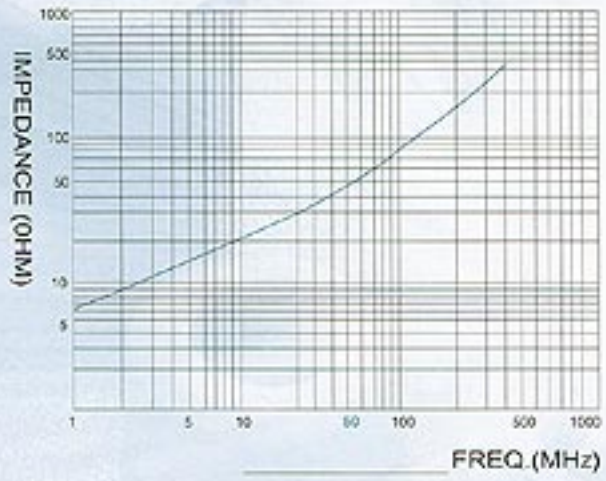
FS 18.7×12×8.75



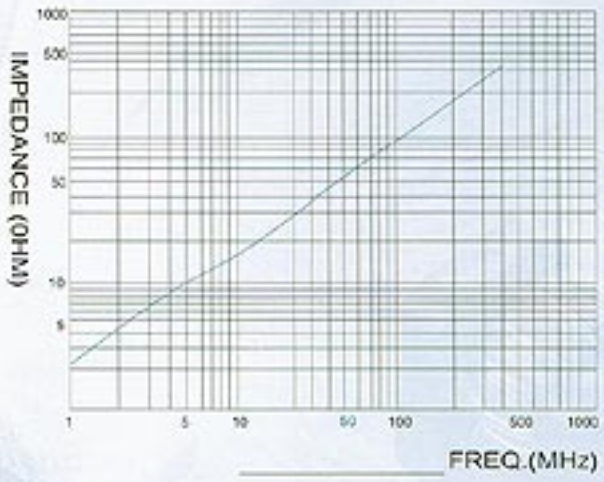

FS 25×10×3



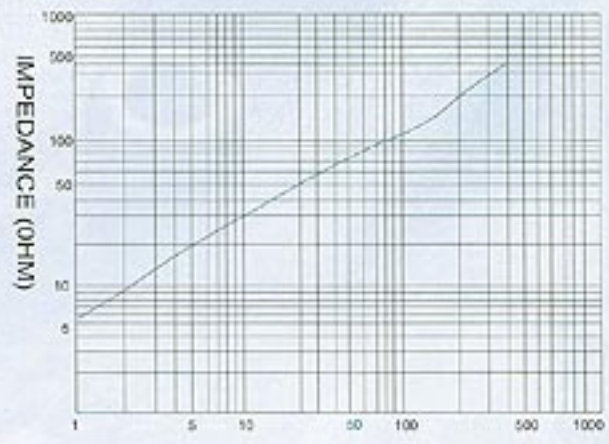

FS 23.8×7×6.3



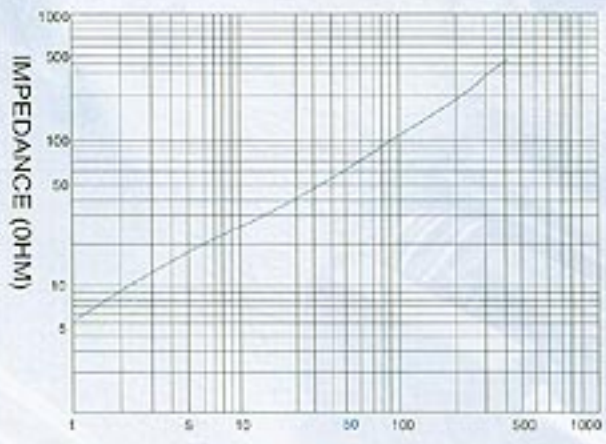

FS 25×12×3



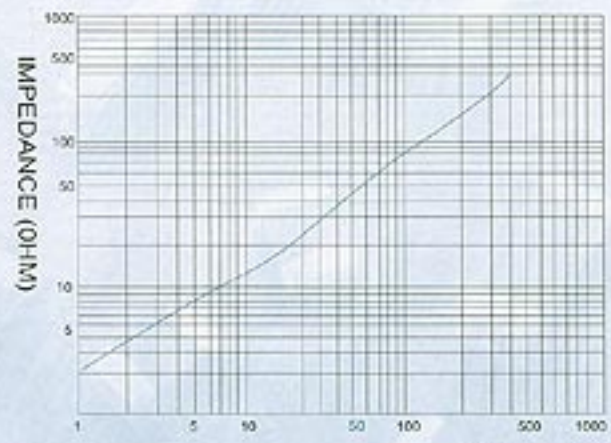

FS 23.8×15×6.3



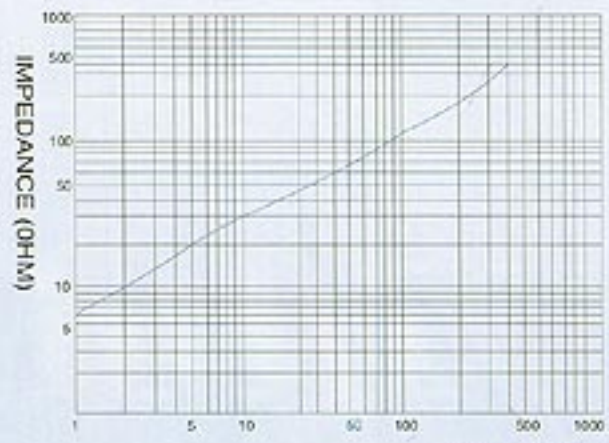

FS 25×12×5



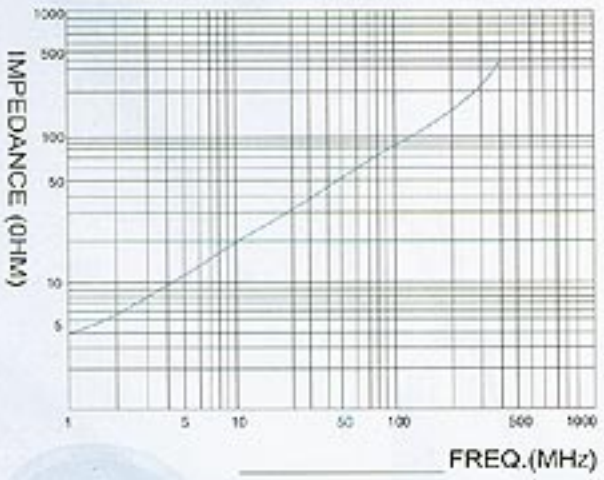

FS 25×8×3



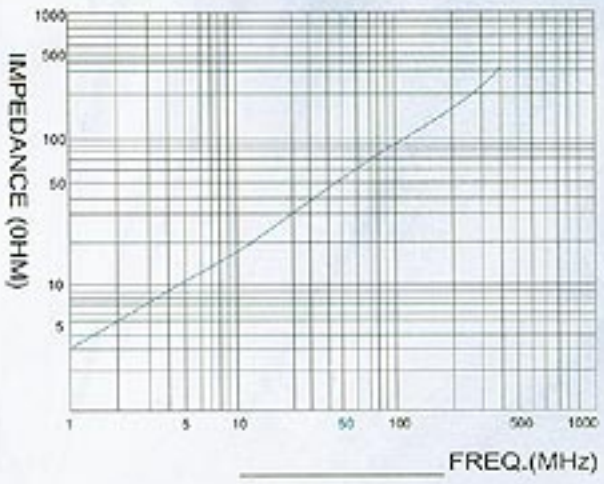

FS 25×15×5



FS 28×7×7.7

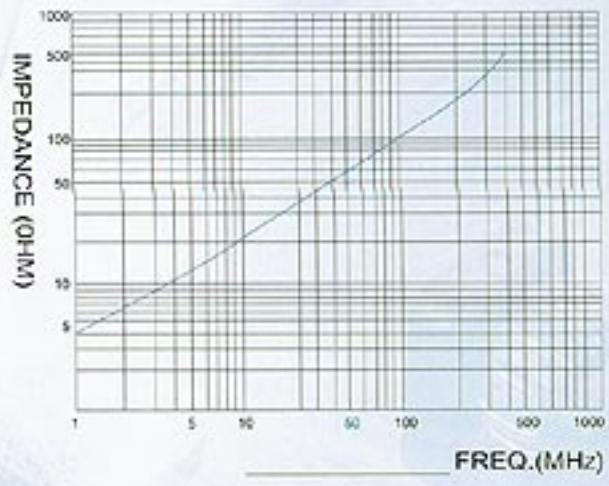



FS 33.5×8×6.5

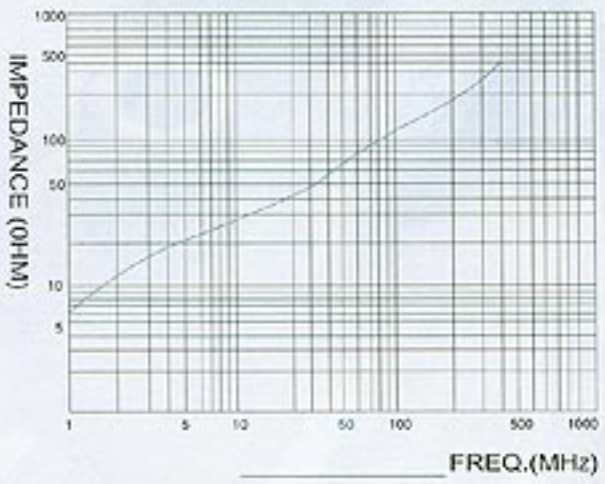



FS 28×14.6×7.7

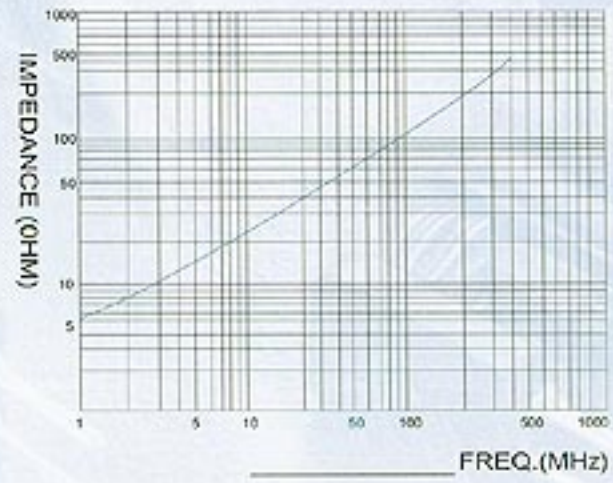

FS 33.5×10×6.5



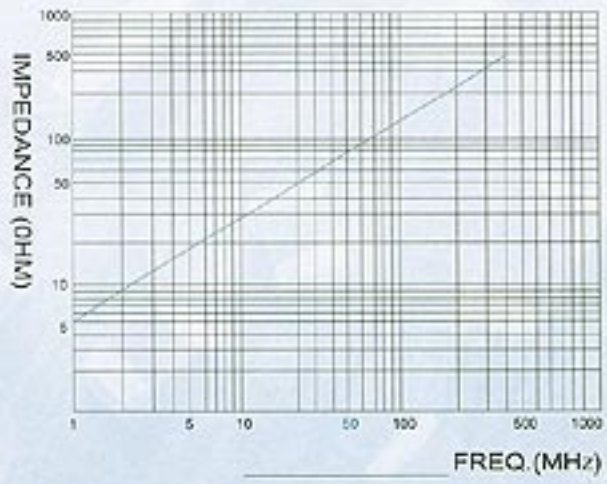

FS 31×9×5



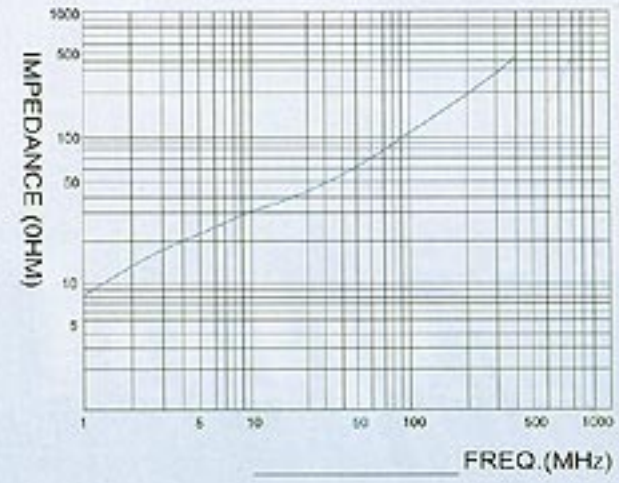

FS 33.5×12×6.5



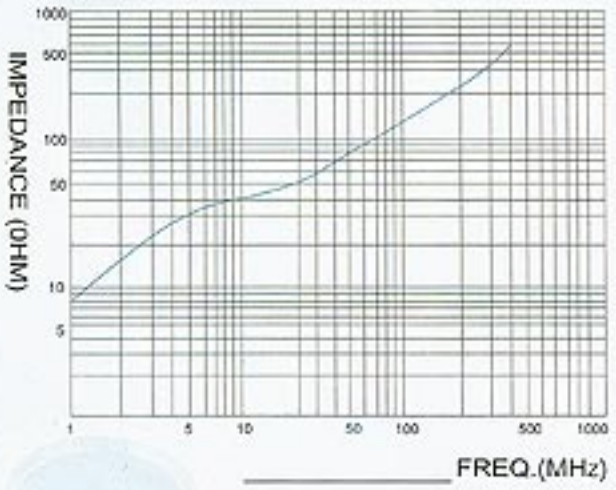

FS 31×12×5



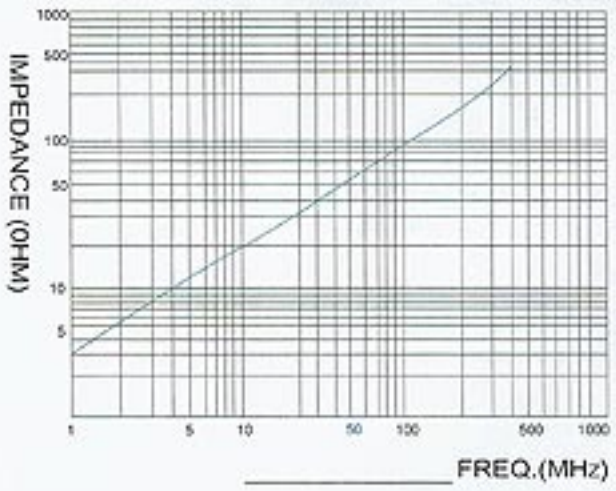

FS 33.5×15×6.5



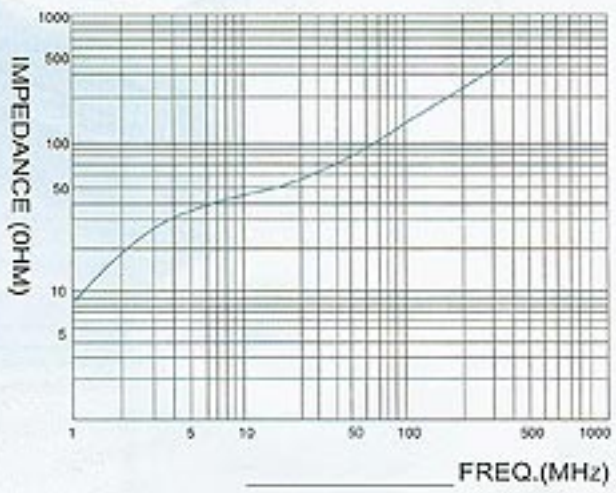
FS 33.5×18×6.5



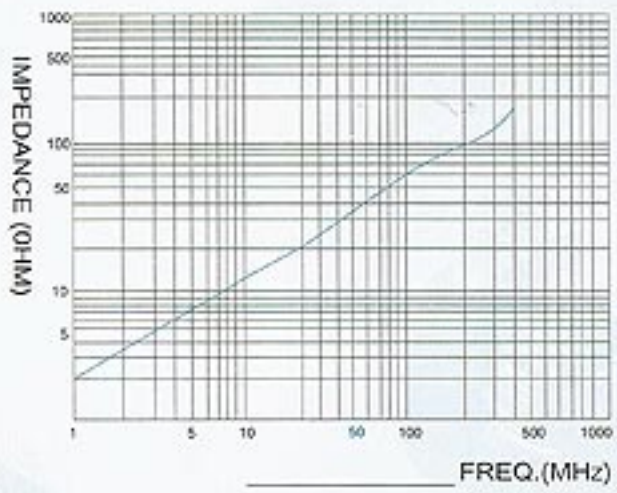

FS 33×8×8



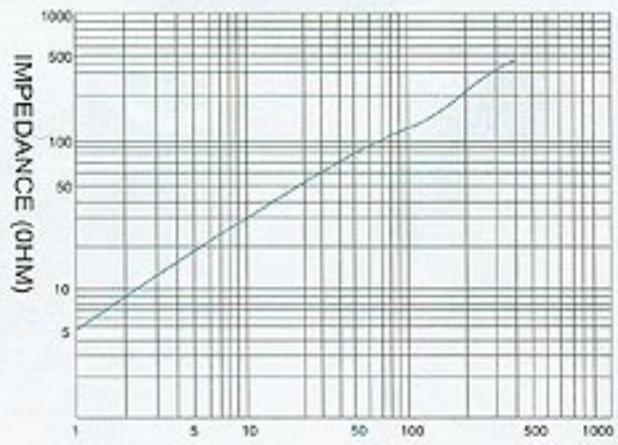

FS 33.5×20×6.5



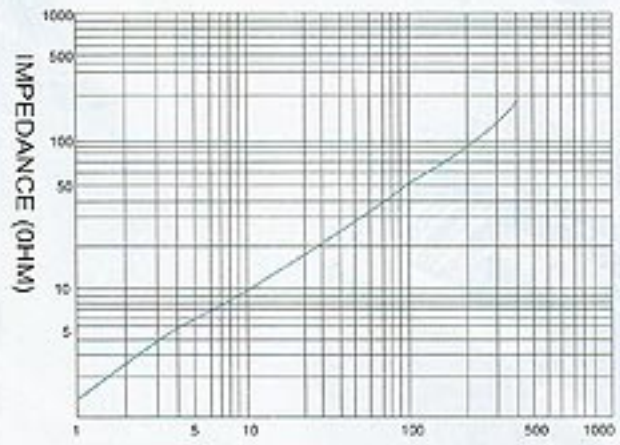

FS 38.5×12×4



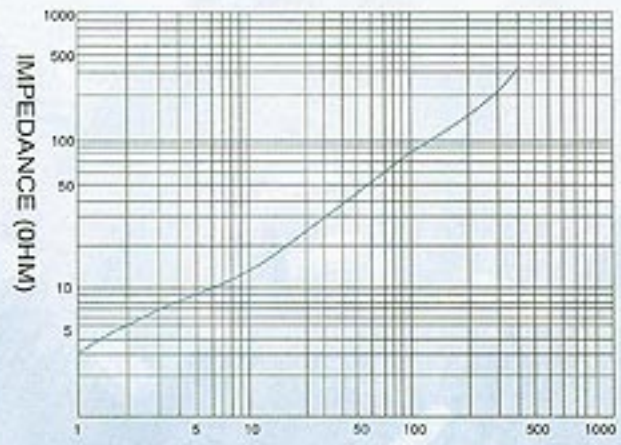

FS 34×15×6



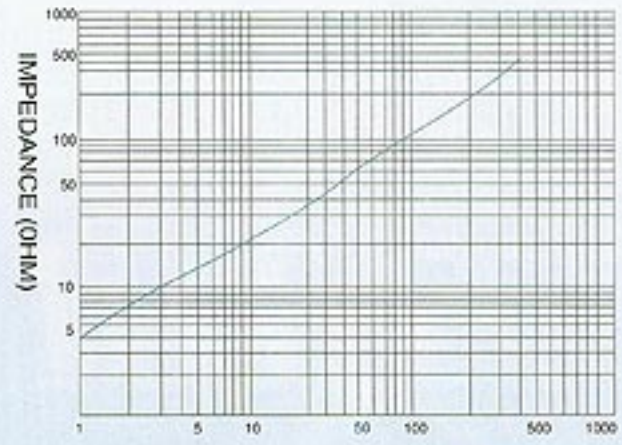

FS 40×10×6.5



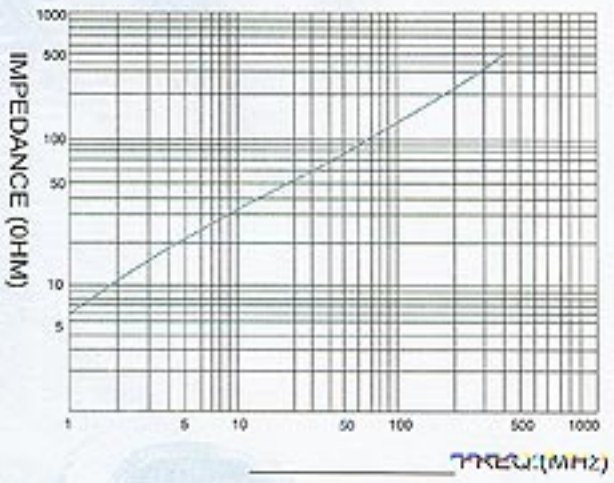

FS 35×5×8



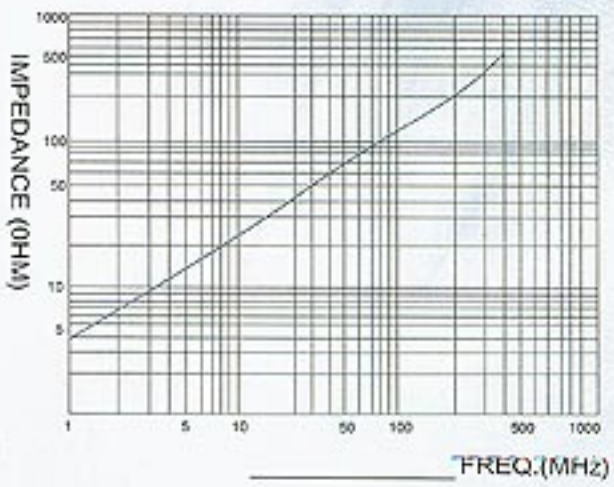

FS 40×12×6.5



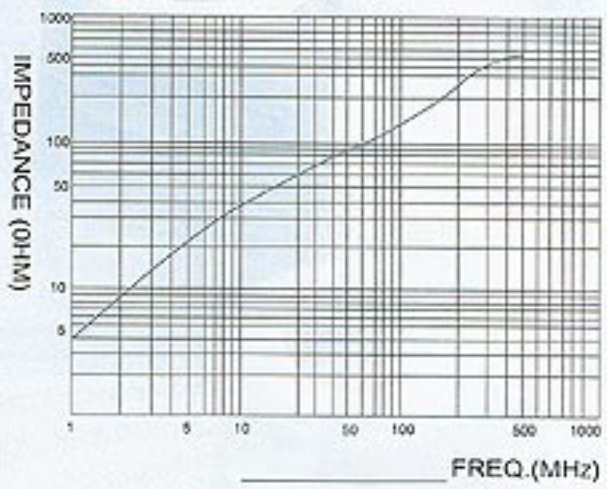
FS 40×18×6.5



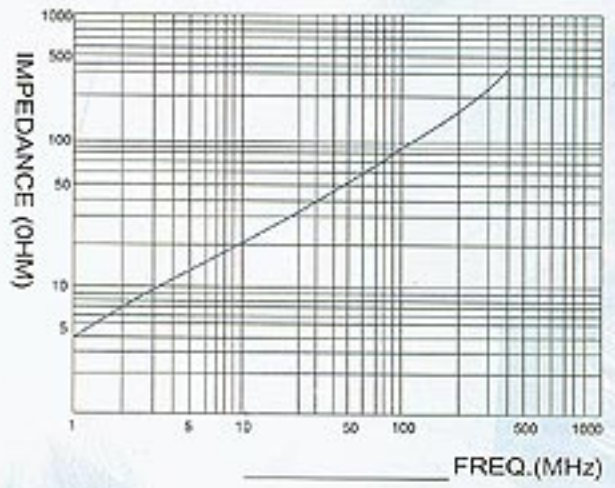

FS 45.2×12×6.5



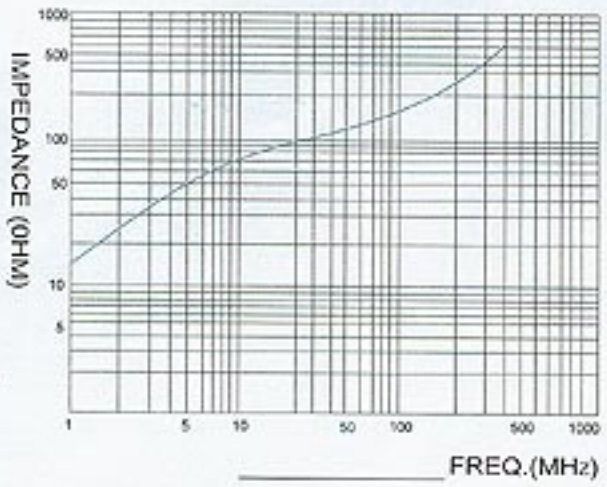

FS 45.1×20×12.5



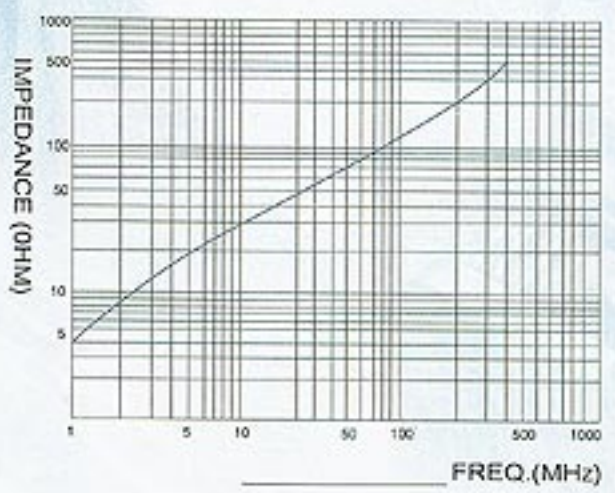

FS 45.2×15×6.5



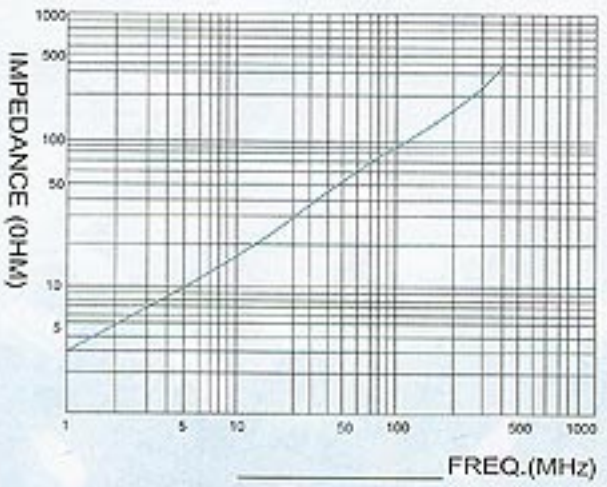

FS 45.1×28.5×12.5



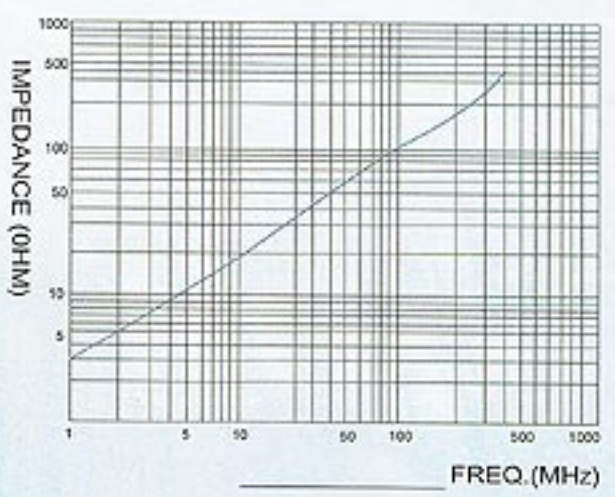

FS 45.2×18×6.5



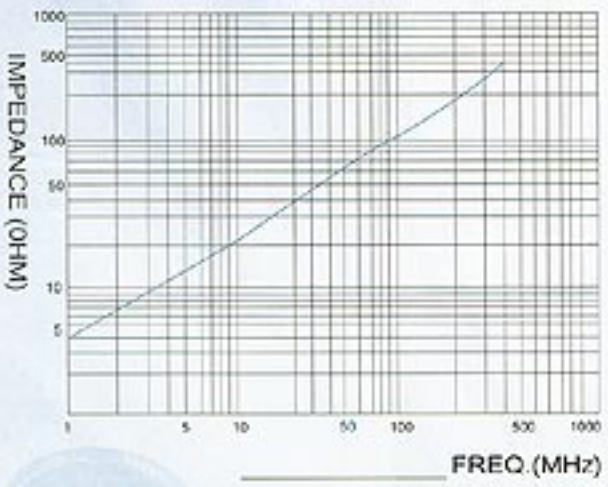

FS 45.2×8×6.5



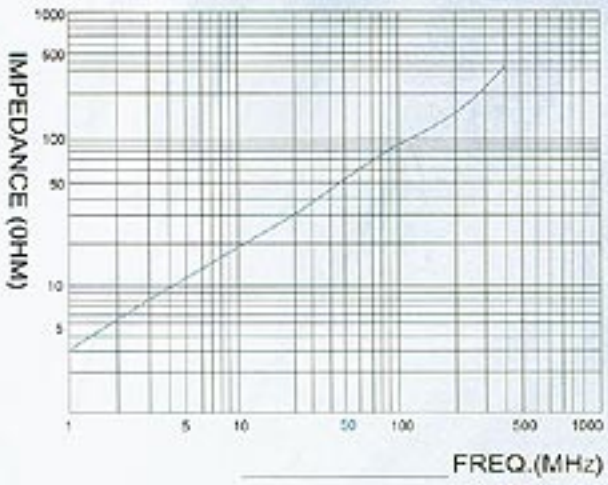

FS 49.6×10×6.5



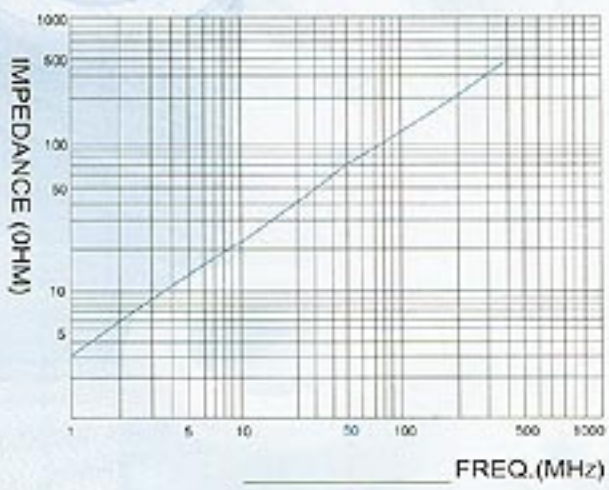
FS 49.6×12×6.5



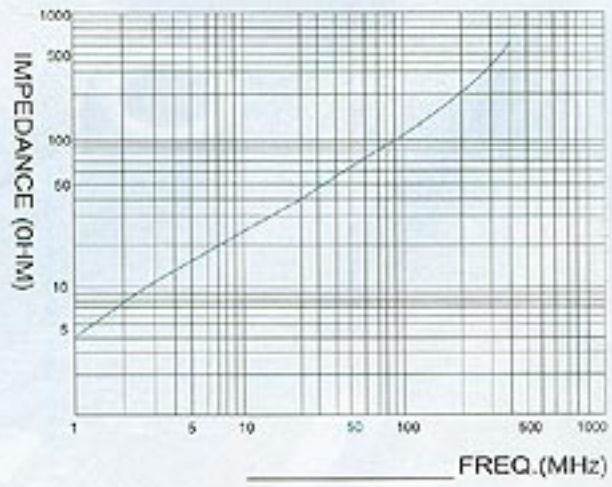

FS 60.6×12×6.5



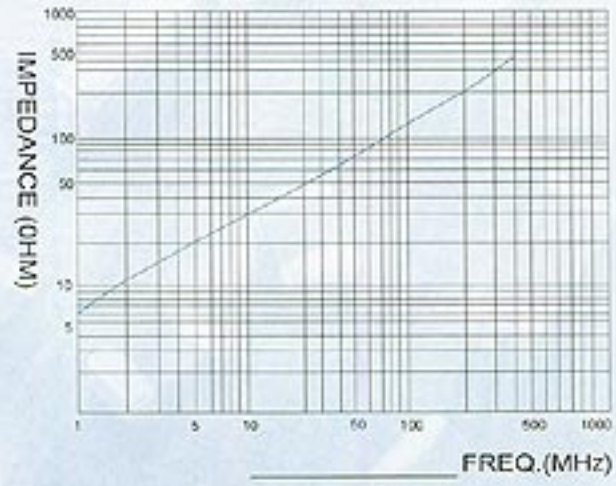

FS 57.6×12×6.5



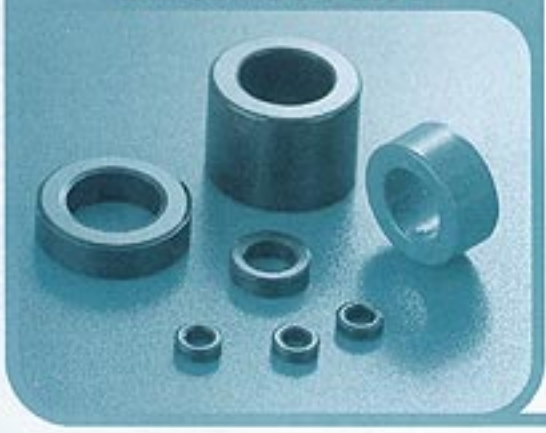

FS 57.6×20×6.5




FS 60×12.7×12



## EMI CORES / T TYPE



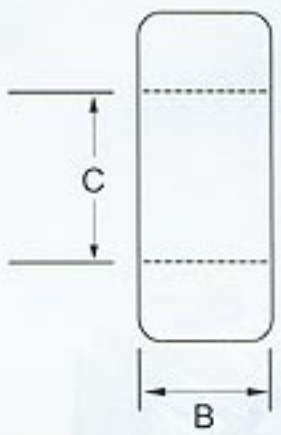
The ring configuration provides the ultimate in the utilization of the ferrite material properties.Power input filters, ground-fault interrupters, common mode filters, and a variety of pulse and matching transformers are only a few of the applications for this core type.

## 1. Ordering Code

R5 T 21.2× 6.0 × 12.7

- 12.7 — C Dim
- 6.0 — B Dim
- 21.2 — A Dim
- T — Core Type
- R5 — Material

## 2. Shape


## 3. Dimensions(m/m)

| CCORES | A m/m | B m/m | C m/m | IMPEDANCE ( OHM ) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R5 T 3×1.2×1.2 | 3±0.2 | 1.2±0.2 | 1.2±0.2 | 11 | 49 |
| R3 T 3.5×1.27×1.8 | 3.5±0.2 | 1.27±0.2 | 1.8±0.2 | 9 | 50 |
| R5B T 3.5×1.27×1.8 | 3.5±0.2 | 1.27±0.2 | 1.8±0.2 | 10 | 49 |
| R3 T 3.5×1.5×1.8 | 3.5±0.2 | 1.5±0.2 | 1.8±0.2 | 9 | 51 |
| R3 T 3.94×1.3×2.2 | 3.94±0.2 | 1.3±0.2 | 2.2±0.2 | 9 | 50 |
| R3 T 3.95×1.35×2.15 | 3.95±0.2 | 1.35±0.2 | 2.15±0.2 | 10 | 51 |
| R5B T 3.95×1.35×2.15 | 3.95±0.2 | 1.35±0.2 | 2.15±0.2 | 10 | 49 |
| R5C T 4×2×2 | 4±0.2 | 2±0.2 | 2±0.2 | 13 | 52 |
| R5C T 4×2.5×2 | 4±0.2 | 2.5±0.2 | 2±0.2 | 14 | 54 |
| R5 T 4.3×2.5×2.8 | 4.3±0.2 | 2.5±0.2 | 2.8±0.2 | 12 | 50 |
| R6 T 4.5×1.4×3 | 4.5±0.2 | 1.4±0.2 | 3±0.2 | 9 | 48 |
| R78 T 4.5×1.4×3 | 4.5±0.2 | 1.4±0.2 | 3±0.2 | 10 | 50 |
| R5B T 4.5×1.5×3 | 4.5±0.2 | 1.5±0.2 | 3±0.2 | 10 | 49 |
| | | | | | |
| | | | | | |

## 3. Dimensions(m/m)

| CCORES | A m/m | B m/m | C m/m | IMPEDANCE (OHM) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R6 T 4.5×2×3 | 4.5±0.2 | 2±0.2 | 3±0.2 | 9 | 48 |
| R5 T 5×2.5×2.8 | 5±0.2 | 2.5±0.2 | 2.8±0.2 | 14 | 52 |
| R5C T 5.1×1.35×1.45 | 5.1±0.2 | 1.35±0.2 | 1.45±0.2 | 14 | 52 |
| R8 T 5.5×1.5×3 | 5.5±0.2 | 1.5±0.2 | 3±0.2 | 11 | 53 |
| R3 T 5.95×1.65×3.05 | 5.95±0.2 | 1.65±0.2 | 3.05±0.2 | 10 | 52 |
| R5C T 5.95×3×3.05 | 5.95±0.2 | 3±0.2 | 3.05±0.2 | 16 | 56 |
| R5 T 6×1.5×3 | 6±0.25 | 1.5±0.2 | 3±0.2 | 11 | 49 |
| R5 T 6×2×3 | 6±0.25 | 2±0.2 | 3±0.2 | 12 | 50 |
| R5C T 6×2×4 | 6±0.25 | 2±0.2 | 4±0.2 | 11 | 50 |
| R7 T 6×2×4 | 6±0.25 | 2±0.2 | 4±0.2 | 11 | 51 |
| R5 T 7×4.5×5.3 | 7±0.25 | 4.5±0.3 | 5.3±0.2 | 12 | 35 |
| R78 T 7.9×3×3 | 7.9±0.25 | 3±0.2 | 3±0.2 | 19 | 66 |
| R5B T 8×2×4 | 8±0.25 | 2±0.2 | 4±0.2 | 12 | 51 |
| R78 T 8×3×4 | 8±0.25 | 3±0.2 | 4±0.2 | 15 | 39 |
| R3 T 8×4×4 | 8±0.25 | 4±0.3 | 4±0.2 | 14 | 61 |
| R5 T 8×4×4 | 8±0.25 | 4±0.3 | 4±0.2 | 20 | 59 |
| R6 T 9×3×5 | 9±0.25 | 3±0.2 | 5±0.2 | 13 | 50 |
| R3 T 9×4×5 | 9±0.25 | 4±0.3 | 5±0.2 | 13 | 59 |
| R5 T 9×4.5×5 | 9±0.25 | 4.5±0.3 | 5±0.2 | 18 | 58 |
| R5C T 9.5×3.3×4.6 | 9.5±0.25 | 3.3±0.3 | 4.6±0.2 | 18 | 58 |
| R3 T 9.5×3.3×4.75 | 9.5±0.25 | 3.3±0.3 | 4.75±0.2 | 14 | 59 |
| R78 T 9.5×3.3×4.75 | 9.5±0.25 | 3.3±0.3 | 4.75±0.2 | 16 | 57 |
| R5C T 9.5×3.3×4.75 | 9.5±0.25 | 3.3±0.3 | 4.75±0.2 | 15 | 52 |
| R5 T 9.5×4.8×5 | 9.5±0.25 | 4.8±0.3 | 5±0.2 | 20 | 60 |
| | | | | | |
| | | | | | |

## 3. Dimensions(m/m)

| CORES | A m/m | B m/m | C m/m | IMPEDANCE (OHM) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R3 T 9.65×3.2×5.05 | 9.65±0.25 | 3.2±0.3 | 5.05±0.3 | 12 | 56 |
| R8 T 9.65×3.2×5.05 | 9.65±0.25 | 3.2±0.3 | 5.05±0.3 | 14 | 61 |
| R5B T 9.65×3.2×5.05 | 9.65±0.25 | 3.2±0.3 | 5.05±0.3 | 15 | 53 |
| R5B T 10×4×6 | 10±0.4 | 4±0.3 | 6±0.3 | 16 | 54 |
| R5 T 10×4×6 | 10±0.4 | 4±0.3 | 6±0.3 | 16 | 54 |
| R6 T 10×4×6 | 10±0.4 | 4±0.3 | 6±0.3 | 14 | 52 |
| R5 T 10×5×5 | 10±0.4 | 5±0.3 | 5±0.2 | 23 | 61 |
| R5 T 10×5×6 | 10±0.4 | 5±0.3 | 6±0.3 | 18 | 57 |
| R5B T 10×5×7 | 10±0.4 | 5±0.3 | 7±0.3 | 15 | 53 |
| R5 T 10×5×7 | 10±0.4 | 5±0.3 | 7±0.3 | 15 | 54 |
| R5 T 12×3×6 | 12±0.4 | 3±0.2 | 6±0.3 | 15 | 54 |
| R5B T 12×4×6 | 12±0.4 | 4±0.3 | 6±0.3 | 18 | 58 |
| R5 T 12×4×6 | 12±0.4 | 4±0.3 | 6±0.3 | 18 | 56 |
| R5 T 12×4×7 | 12±0.4 | 4±0.3 | 7±0.3 | 16 | 55 |
| R5 T 12×5.5×7 | 12±0.4 | 5.5±0.3 | 7±0.3 | 21 | 61 |
| R5 T 12×6×6 | 12±0.4 | 6±0.3 | 6±0.3 | 26 | 68 |
| R5 T 12×6×7 | 12±0.4 | 6±0.3 | 7±0.3 | 23 | 63 |
| R8 T 12.7×4.9×7.15 | 12.7±0.4 | 4.9±0.3 | 7.15±0.3 | 15 | 66 |
| R5C T 12.7×4.9×7.15 | 12.7±0.4 | 4.9±0.3 | 7.15±0.3 | 19 | 60 |
| R5 T 12.7×5.1×7.9 | 12.7±0.4 | 5.1±0.3 | 7.9±0.3 | 16 | 55 |
| R5B T 12.7×6.35×7.9 | 12.7±0.4 | 6.35±0.3 | 7.9±0.3 | 21 | 61 |
| R5C T 12.7×6.35×7.9 | 12.7±0.4 | 6.35±0.3 | 7.9±0.3 | 20 | 59 |
| R5 T 12.7×6.35×7.9 | 12.7±0.4 | 6.35±0.3 | 7.9±0.3 | 18 | 58 |
| R6 T 12.7×6.35×7.9 | 12.7±0.4 | 6.35±0.3 | 7.9±0.3 | 18 | 55 |
| | | | | | |
| | | | | | |

## 3. Dimensions(m/m)

| CORES | A m/m | B m/m | C m/m | IMPEDANCE ( OHM ) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R5 T 13.8×5×8.6 | 13.8±0.4 | 5±0.3 | 8.6±0.3 | 16 | 37 |
| R5B T 14×3×7 | 14±0.4 | 3±0.2 | 7±0.3 | 15 | 56 |
| R5 T 14×3×7 | 14±0.4 | 3±0.2 | 7±0.3 | 16 | 56 |
| R6 T 14×3×7 | 14±0.4 | 3±0.2 | 7±0.3 | 14 | 52 |
| R5 T 14×7×7 | 14±0.4 | 7±0.3 | 7±0.3 | 29 | 68 |
| R5 T 14×8×10 | 14±0.4 | 8±0.3 | 10±0.3 | 20 | 59 |
| R5C T 14.3×5.3×6.35 | 14.3±0.4 | 5.3±0.3 | 6.35±0.3 | 23 | 66 |
| R5 T 15×8×10.5 | 15±0.4 | 8±0.3 | 10.5±0.4 | 19 | 60 |
| R6 T 15.2×8×10.5 | 15.2±0.4 | 8±0.3 | 10.5±0.4 | 18 | 56 |
| R5C T 16×4.75×9.6 | 16±0.4 | 4.75±0.3 | 9.6±0.3 | 17 | 56 |
| R5C T 16×6.35×9.6 | 16±0.4 | 6.35±0.3 | 9.6±0.3 | 18 | 67 |
| R5 T 16×10×10 | 16±0.4 | 10±0.3 | 10±0.3 | 28 | 72 |
| R5 T 17×6.35×10 | 17±0.4 | 6.35±0.3 | 10±0.3 | 20 | 58 |
| R5 T 17×8×10 | 17±0.4 | 8±0.3 | 10±0.3 | 25 | 63 |
| R6 T 17×8×10 | 17±0.4 | 8±0.3 | 10±0.3 | 24 | 62 |
| R5C T 17.45×6.35×9.5 | 17.45±0.4 | 6.35±0.3 | 9.5±0.3 | 23 | 66 |
| R5C T 17.45×8×9.5 | 17.45±0.4 | 8±0.3 | 9.5±0.3 | 28 | 72 |
| R78 T 17.5×5×9.5 | 17.5±0.4 | 5±0.3 | 9.5±0.3 | 19 | 67 |
| R5 T 17.5×5×9.5 | 17.5±0.4 | 5±0.3 | 9.5±0.3 | 19 | 56 |
| R5 T 18×4×10 | 18±0.4 | 4±0.3 | 10±0.3 | 17 | 57 |
| R5B T 18×6×10 | 18±0.4 | 6±0.3 | 10±0.3 | 23 | 62 |
| R5 T 18×6×10 | 18±0.4 | 6±0.3 | 10±0.3 | 21 | 57 |
| R6 T 18×6×10 | 18±0.4 | 6±0.3 | 10±0.3 | 21 | 59 |
| R5 T 18×7×10 | 18±0.4 | 7±0.3 | 10±0.3 | 23 | 63 |
| | | | | | |
| | | | | | |

## 3. Dimensions(m/m)

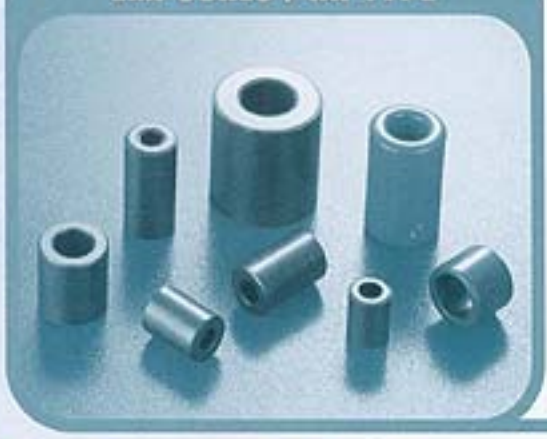
| CORES | A m/m | B m/m | C m/m | IMPEDANCE (OHM) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R5 T 18×10×10 | 18±0.4 | 10±0.3 | 10±0.3 | 28 | 68 |
| R3 T 19×8×12 | 19±0.4 | 8±0.3 | 12±0.3 | 17 | 67 |
| R5B T 19×8×12 | 19±0.4 | 8±0.3 | 12±0.3 | 23 | 64 |
| R5 T 19×8×12 | 19±0.4 | 8±0.3 | 12±0.3 | 21 | 60 |
| R5 T 20×3.5×10 | 20±0.5 | 3.5±0.3 | 10±0.3 | 16 | 54 |
| R5B T 20×8×10 | 20±0.5 | 8±0.3 | 10±0.3 | 30 | 80 |
| R5 T 20×8×10 | 20±0.5 | 8±0.3 | 10±0.3 | 32 | 77 |
| R6 T 20×8×10 | 20±0.5 | 8±0.3 | 10±0.3 | 30 | 70 |
| R3 T 20×10×10 | 20±0.5 | 10±0.3 | 10±0.3 | 25 | 91 |
| R5C T 20×10×10 | 20±0.5 | 10±0.3 | 10±0.3 | 40 | 91 |
| R5 T 20×10×10 | 20±0.5 | 10±0.3 | 10±0.3 | 35 | 80 |
| R6 T 20×10×10 | 20±0.5 | 10±0.3 | 10±0.3 | 37 | 79 |
| R5 T 21.2×6×12.7 | 21.2±0.5 | 6±0.3 | 12.7±0.4 | 18 | 56 |
| R5 T 21.2×10×12.7 | 21.2±0.5 | 10±0.3 | 12.7±0.4 | 30 | 76 |
| R5B T 22.1×6.35×13.7 | 22.1±0.5 | 6.35±0.3 | 13.7±0.4 | 21 | 60 |
| R5C T 22.1×12.7×13.7 | 22.1±0.5 | 12.7±0.4 | 13.7±0.4 | 37 | 82 |
| R5 T 22.5×6.4×13.8 | 22.5±0.5 | 6.4±0.3 | 13.8±0.4 | 20 | 58 |
| R5 T 22.5×8×13.8 | 22.5±0.5 | 8±0.3 | 13.8±0.4 | 22 | 62 |
| R6 T 22.5×8×13.8 | 22.5±0.5 | 8±0.3 | 13.8±0.4 | 23 | 61 |
| R5 T 22.5×8.5×13.8 | 22.5±0.5 | 8.5±0.3 | 13.8±0.4 | 26 | 69 |
| R5 T 22.5×10×13.8 | 22.5±0.5 | 10±0.3 | 13.8±0.4 | 30 | 69 |
| R6 T 22.5×10×13.8 | 22.5±0.5 | 10±0.3 | 13.8±0.4 | 28 | 66 |
| R5 T 22.5×12×13.8 | 22.5±0.5 | 12±0.4 | 13.8±0.4 | 37 | 85 |
| R5 T 23×6.4×12.5 | 23±0.5 | 6.4±0.3 | 12.5±0.4 | 23 | 65 |
| | | | | | |
| | | | | | |

## 3. Dimensions(m/m)

| CORES | A m/m | B m/m | C m/m | IMPEDANCE ( OHM ) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R5B T 23×9.5×12.5 | 23±0.5 | 9.5±0.3 | 12.5±0.4 | 34 | 78 |
| R5 T 23×9.5×12.5 | 23±0.5 | 9.5±0.3 | 12.5±0.4 | 32 | 81 |
| R5 T 25×3×15 | 25±0.5 | 3±0.3 | 15±0.4 | 13 | 52 |
| R78 T 25×7×15 | 25±0.5 | 7±0.3 | 15±0.4 | 23 | 73 |
| R6 T 25×7×15 | 25±0.5 | 7±0.3 | 15±0.4 | 21 | 59 |
| R5B T 25×8×15 | 25±0.5 | 8±0.3 | 15±0.4 | 25 | 69 |
| R5 T 25×10×15 | 25±0.5 | 10±0.3 | 15±0.4 | 30 | 74 |
| R5B T 25×12×15 | 25±0.5 | 12±0.4 | 15±0.4 | 37 | 86 |
| R5 T 25×12×15 | 25±0.5 | 12±0.4 | 15±0.4 | 35 | 85 |
| R5B T 25.4×7.92×15.5 | 25.4±0.5 | 7.92±0.3 | 15.5±0.4 | 25 | 67 |
| R5C T 25.4×12.7×15.5 | 25.4±0.5 | 12.7±0.4 | 15.5±0.4 | 37 | 86 |
| R5 T 28×13×16 | 28±0.5 | 13±0.4 | 16±0.4 | 41 | 91 |
| R5C T 29×7.5×19 | 29±0.5 | 7.5±0.3 | 19±0.4 | 21 | 63 |
| R5 T 29.5×7.7×19 | 29.5±0.5 | 7.7±0.3 | 19±0.4 | 20 | 59 |
| R3 T 31×5×19 | 31±0.6 | 5±0.3 | 19±0.4 | 12 | 60 |
| R5 T 31×7×19 | 31±0.6 | 7±0.3 | 19±0.4 | 20 | 60 |
| R5 T 31×9.5×19 | 31±0.6 | 9.5±0.3 | 19±0.4 | 27 | 70 |
| R5B T 31×10×19 | 31±0.6 | 10±0.3 | 19±0.4 | 30 | 80 |
| R5 T 31×10×19 | 31±0.6 | 10±0.3 | 19±0.4 | 25 | 71 |
| R5 T 31×16×19 | 31±0.6 | 16±0.5 | 19±0.4 | 40 | 95 |
| R5C T 31.1×16.3×19.05 | 31.1±0.6 | 16.3±0.5 | 19.05±0.4 | 42 | 100 |
| R5 T 34.6×12.7×20.8 | 34.6±0.6 | 12.7±0.4 | 20.8±0.4 | 35 | 85 |
| R5 T 35.6×7.5×25.4 | 35.6±0.6 | 7.5±0.3 | 25.4±0.5 | 20 | 62 |
| R5 T 35.6×12.1×23.6 | 35.6±0.6 | 12.1±0.4 | 23.6±0.5 | 30 | 76 |
| | | | | | |
| | | | | | |

# QUEEN CORE

## EMI CORES / RH TYPE



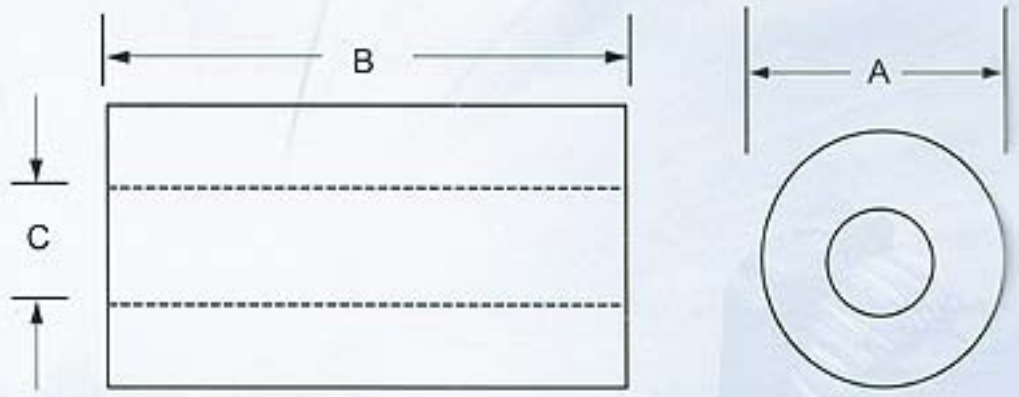
QUEEN CORE offers a broad selection of round cable EMI suppression cores with guaranteed impedance specifications over a wide frequency range.

## 1. Ordering Code

R5 RH 17.5 × 28.5 × 9.5

- C Dim
- B Dim
- A Dim
- Core Type
- Material

## 2. Shape




## 3. Dimensions(m/m)

| CORES | A m/m | B m/m | C m/m | IMPEDANCE ( OHM ) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R5 RH 7×9.5×5.3 | 7.0±0.25 | 9.5±0.3 | 5.3± 0.2 | 19 | 59 |
| R6 RH 7×9.5×5.3 | 7.0±0.25 | 9.5±0.3 | 5.3±0.2 | 18 | 56 |
| R5 RH 7.5×7.5×2.4 | 7.5±0.25 | 7.5±0.3 | 2.4±0.2 | 50 | 101 |
| R5C RH 7.5×7.55×2.25 | 7.5±0.25 | 7.55±0.3 | 2.25±0.2 | 47 | 105 |
| R3 RH 7.6×4.2×3.6 | 7.6±0.25 | 4.2±0.3 | 3.6±0.2 | 15 | 64 |
| R5B RH 7.6×4.2×3.6 | 7.6±0.25 | 4.2±0.3 | 3.6±0.2 | 20 | 61 |
| R6 RH 7.6×5.06×3.6 | 7.6±0.25 | 5.06±0.3 | 3.6±0.2 | 23 | 61 |
| R5C RH 7.8×9.6×5 | 7.8±0.25 | 9.6±0.3 | 5±0.2 | 25 | 69 |
| R5 RH 7.8×9.6×5 | 7.8±0.25 | 9.6±0.3 | 5±0.2 | 26 | 67 |
| | | | | | |
| | | | | | |

## 3. Dimensions(m/m)

| CORES | A m/m | B m/m | C m/m | IMPEDANCE (OHM) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R5 RH 7.8×12.5×5 | 7.8±0.25 | 12.5±0.4 | 5±0.2 | 35 | 82 |
| R5 RH 7.9×10×3 | 7.9±0.25 | 10±0.3 | 3±0.2 | 53 | 114 |
| R78 RH 8×9×4 | 8±0.25 | 9±0.3 | 4±0.2 | 35 | 98 |
| R5 RH 8×9×4 | 8±0.25 | 9±0.3 | 4±0.2 | 35 | 75 |
| R6 RH 8×9.2×4 | 8±0.25 | 9.2±0.3 | 4±0.2 | 40 | 79 |
| R5 RH 8×12.8×4 | 8±0.25 | 12.8±0.4 | 4±0.2 | 55 | 110 |
| R5 RH 9×8×5 | 9±0.25 | 8±0.3 | 5±0.2 | 25 | 69 |
| R6 RH 9×8×5 | 9±0.25. | 8±0.3 | 5±0.2 | 27 | 64 |
| R5 RH 9.3×9.5×5.2 | 9.3±0.25 | 9.5±0.3 | 5.2±0.2 | 32 | 78 |
| R8B RH 9.4×7.2×6.3 | 9.4±0.25 | 7.2±0.3 | 6.3±0.25 | 13 | 65 |
| R5 RH 9.4×7.2×6.3 | 9.4±0.25 | 7.2±0.3 | 6.3±0.25 | 20 | 62 |
| R78 RH 9.5×9.5×5 | 9.5±0.25 | 9.5±0.3 | 5±0.2 | 35 | 99 |
| R5 RH 9.5×9.5×5 | 9.5±0.25 | 9.5±0.3 | 5±0.2 | 37 | 84 |
| R5B RH 9.5×10×5 | 9.5±0.25 | 10±0.3 | 5±0.2 | 37 | 90 |
| R6 RH 9.5×10×5 | 9.5±0.25 | 10±0.3 | 5±0.2 | 36 | 75 |
| R5 RH 9.5×10×5.2 | 9.5±0.25 | 10±0.3 | 5.2±0.2 | 35 | 81 |
| R5 RH 9.5×10×5.8 | 9.5±0.25 | 10±0.3 | 5.8±0.2 | 30 | 77 |
| R6 RH 9.5×10×5.8 | 9.5±0.25 | 10±0.3 | 5.8±0.2 | 25 | 65 |
| R5C RH 9.5×10.4×4.75 | 9.5±0.25 | 10.4±0.4 | 4.75±0.3 | 40 | 88 |
| R5 RH 9.5×10.4×4.75 | 9.5±0.25 | 10.4±0.4 | 4.75±0.3 | 40 | 83 |
| R5 RH9.5×10.4×5 | 9.5±0.25 | 10.4±0.4 | 5±0.2 | 32 | 77 |
| R3 RH 9.5×12.7×4.75 | 9.5±0.25 | 12.7±0.4 | 4.75±0.3 | 30 | 109 |
| R5 RH 9.5×12.7×4.8 | 9.5±0.25 | 12.7±0.4 | 4.8±0.2 | 50 | 105 |
| R5 TH 9.5×12.7×5 | 9.5±0.25 | 12.7±0.4 | 5±0.2 | 47 | 103 |
| | | | | | |
| | | | | | |

## 3. Dimensions(m/m)

| CORES | A m/m | B m/m | C m/m | IMPEDANCE ( OHM ) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R5C RH 9.5×14.5×4.5 | 9.5±0.25 | 14.5±0.4 | 4.5±0.75 | 55 | 117 |
| R7B RH 9.5×14.5×5 | 9.5±0.25 | 14.5±0.4 | 5±0.2 | 50 | 132 |
| R5 RH 9.5×14.5×4.5 | 9.5±0.25 | 14.5±0.4 | 4.5±0.75 | 53 | 108 |
| R5 RH 9.5×15×5.2 | 9.5±0.25 | 15±0.4 | 5.2±0.2 | 50 | 98 |
| R5 RH 9.5×17×5 | 9.5±0.25 | 17±0.4 | 5±0.2 | 65 | 131 |
| R5B RH 9.5×19×5 | 9.5±0.25 | 19±0.4 | 5±0.2 | 57 | 131 |
| R5 RH 9.5×19×5 | 9.5±0.25 | 19±0.4 | 5±0.2 | 65 | 134 |
| R5B RH 9.5×19.05×4.75 | 9.5±0.25 | 19.05±0.4 | 4.75±0.2 | 81 | 147 |
| R5B RH 9.5×19.5×5 | 9.5±0.25 | 19.5±0.4 | 5±0.2 | 62 | 144 |
| R5 RH 9.5×19.5×5 | 9.5±0.25 | 19.5±0.4 | 5±0.2 | 70 | 137 |
| R5C RH 9.65×5.05×5 | 9.65±0.25 | 5.05±0.3 | 5±0.2 | 21 | 63 |
| R5C RH 9.65×7.35×6.35 | 9.65±0.25 | 7.35±0.3 | 6.35±0.25 | 21 | 62 |
| R8 RH 9.65×8×7.9 | 9.65±0.25 | 8±0.3 | 7.9±0.25 | 14 | 60 |
| R5 RH 9.65×12.5×6.35 | 9.65±0.25 | 12.5±0.4 | 6.35±0.25 | 32 | 76 |
| R5 RH 10×6.2×6 | 10±0.3 | 6.2±0.3 | 6±0.25 | 21 | 62 |
| R5 RH 10×7.5×7 | 10±0.3 | 7.5±0.3 | 7±0.25 | 18 | 58 |
| R6 RH 10×7.5×7 | 10±0.3 | 7.5±0.3 | 7±0.25 | 17 | 55 |
| R5 RH 10×10×5 | 10±0.3 | 10±0.3 | 5±0.2 | 42 | 86 |
| R5 RH 10×10×6 | 10±0.3 | 10±0.3 | 6±0.25 | 30 | 74 |
| R5 RH 10×10×7 | 10±0.3 | 10±0.3 | 7±0.25 | 23 | 65 |
| R5 RH 10.5×15.5×5.5 | 10.5±0.5 | 15.5±0.4 | 5.5±0.5 | 50 | 97 |
| R5B RH 10.5×20×5.5 | 10.5±0.5 | 20±0.5 | 5.5±0.5 | 56 | 132 |
| R5 RH 10.5×20×5.5 | 10.5±0.5 | 20±0.5 | 5.5±0.5 | 63 | 123 |
| R5C RH 10.5×20×7.3 | 10.5±0.5 | 20±0.5 | 7.3±0.25 | 40 | 87 |
| | | | | | |
| | | | | | |

## 3. Dimensions(m/m)

| CORES | A m/m | B m/m | C m/m | IMPEDANCE ( OHM ) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R5 RH 11.5×15×5 | 11.5±0.3 | 15±0.4 | 5±0.2 | 84 | 134 |
| R5B RH 11.5×18.5×5 | 11.5±0.3 | 18.5±0.4 | 5±0.2 | 100 | 159 |
| R5 RH 12×7.5×7 | 12±0.3 | 7.5±0.3 | 7±0.25 | 23 | 63 |
| R78 RH 12×8×6 | 12±0.3 | 8±0.3 | 6±0.25 | 32 | 91 |
| R5B RH 12×8×6 | 12±0.3 | 8±0.3 | 6±0.25 | 32 | 75 |
| R5B RH 12×8×7 | 12±0.3 | 8±0.3 | 7±0.25 | 23 | 70 |
| R5 RH 12×8×7 | 12±0.3 | 8±0.3 | 7±0.25 | 26 | 69 |
| R6 RH 12×8×7 | 12±0.3 | 8±0.3 | 7±0.25 | 25 | 62 |
| R6 RH 12×9×5.6 | 12±0.3 | 9±0.3 | 5.6±0.2 | 35 | 77 |
| R6 RH 12×11×3.5 | 12±0.3 | 11±0.3 | 3.5±0.2 | 70 | 137 |
| R5B RH 12×10×5.6 | 12±0.3 | 10±0.3 | 5.6±0.2 | 42 | 91 |
| R5 RH 12×12×5.6 | 12±0.3 | 12±0.4 | 5.6±0.2 | 55 | 112 |
| R5 RH 12×15×3.5 | 12±0.3 | 15±0.4 | 3.5±0.2 | 110 | 165 |
| R5B RH 12×15×7 | 12±0.3 | 15±0.4 | 7±0.25 | 45 | 97 |
| R5 RH 12×15×7 | 12±0.3 | 15±0.4 | 7±0.25 | 46 | 102 |
| R5 RH 12×15×7.3 | 12±0.3 | 15±0.4 | 7.3±0.25 | 42 | 86 |
| R5 RH 12×15×8.5 | 12±0.3 | 15±0.4 | 8.5±0.25 | 30 | 78 |
| R5 RH 12×15.5×5.6 | 12±0.3 | 15.5±0.4 | 5.6±0.25 | 68 | 125 |
| R5 RH 12×20×5.6 | 12±0.3 | 20±0.5 | 5.6±0.25 | 90 | 154 |
| R6 RH 12×20×5.6 | 12±0.3 | 20±0.5 | 5.6±0.25 | 86 | 134 |
| R5 RH 12×20×7 | 12±0.3 | 20±0.5 | 7±0.25 | 55 | 114 |
| R5 RH 12×23×3.5 | 12±0.3 | 23±0.5 | 3.5±0.2 | 170 | 279 |
| R5 RH 12×30×5.6 | 12±0.3 | 30±0.6 | 5.6±0.2 | 140 | 223 |
| R5 RH 12.1×15.5×7.3 | 12.1±0.3 | 15.5±0.4 | 7.3±0.25 | 40 | 94 |
| | | | | | |
| | | | | | |

## 3. Dimensions(m/m)

| CORES | A m/m | B m/m | C m/m | IMPEDANCE ( OHM ) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R5C RH 12.3×25.4×4.95 | 12.3±0.3 | 25.4±0.6 | 4.95±0.2 | 132 | 232 |
| R5B RH 12.5×12.5×8 | 12.5±0.3 | 12.5±0.4 | 8±0.25 | 34 | 80 |
| R5 RH 12.5×12.7×4.9 | 12.5±0.3 | 12.7±0.4 | 4.9±0.2 | 61 | 126 |
| R8B RH12.7×12.7×7.9 | 12.7±0.3 | 12.7±0.4 | 7.9±0.25 | 17 | 88 |
| R5B RH 12.7×12.7×7.9 | 12.7±0.3 | 12.7±0.4 | 7.9±0.25 | 35 | 79 |
| R5C RH 12.7×12.7×7.9 | 12.7±0.3 | 12.7±0.4 | 7.9±0.25 | 32 | 83 |
| R5 RH 12.7×12.7×7.9 | 12.7±0.3 | 12.7±0.4 | 7.9±0.25 | 35 | 82 |
| R5 RH 12.7×15×7.9 | 12.7±0.3 | 15±0.4 | 7.9±0.25 | 37 | 89 |
| R5C RH 12.8×24.5×5.3 | 12.8±0.75 | 24.5±0.75 | 5.3±0.35 | 132 | 230 |
| R3 RH 14.2×13.8×6.35 | 14.2±0.3 | 13.8±0.4 | 6.35±0.25 | 37 | 119 |
| R5 RH 14.2×15×6.35 | 14.2±0.3 | 15±0.4 | 6.35±0.25 | 62 | 122 |
| R5 RH 14.2×16×8 | 14.2±0.3 | 16±0.4 | 8±0.25 | 51 | 98 |
| R8B RH 14.2×19.5×8 | 14.2±0.3 | 19.5±0.4 | 8±0.25 | 23 | 122 |
| R5C RH 14.2×20×6.35 | 14.2±0.3 | 20±0.5 | 6.35±0.25 | 96 | 173 |
| R5 RH 14.2×20×8 | 14.2±0.3 | 20±0.5 | 8±0.25 | 60 | 119 |
| R5 RH 14.2×23.5×7 | 14.2±0.3 | 23.5±0.5 | 7±0.25 | 100 | 176 |
| R5 RH 14.2×23.5×8 | 14.2±0.3 | 23.5±0.5 | 8±0.25 | 68 | 130 |
| R6 RH 14.2×23.5×8.1 | 14.2±0.3 | 23.5±0.5 | 8.1±0.25 | 83 | 128 |
| R3 RH 14.2×28.5×6.35 | 14.2±0.3 | 28.5±0.6 | 6.35±0.25 | 63 | 209 |
| R78 RH 14.2×28.5×6.35 | 14.2±0.3 | 28.5±0.6 | 6.35±0.25 | 125 | 278 |
| R5B RH 14.2×28.5×6.35 | 14.2±0.3 | 28.5±0.6 | 6.35±0.25 | 132 | 217 |
| R5 RH 14.2×28.5×7 | 14.2±0.3 | 28.5±0.6 | 7±0.25 | 120 | 197 |
| R5 RH 14.2×28.5×8 | 14.2±0.3 | 28.5±0.6 | 8±0.25 | 98 | 160 |
| R5 RH 14.2×28.5×8.2 | 14.2±0.3 | 28.5±0.6 | 8.2±0.25 | 90 | 145 |
| | | | | | |
| | | | | | |

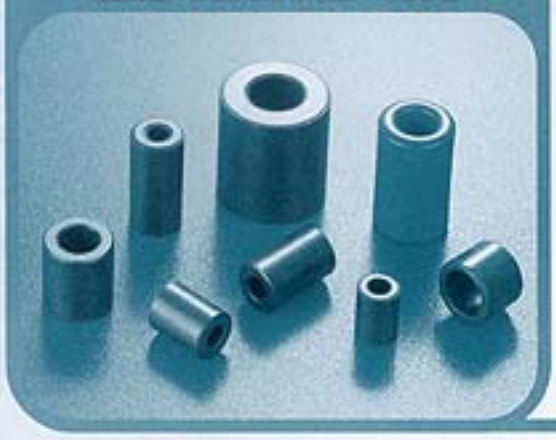
## 3. Dimensions(m/m)

| CORES | A m/m | B m/m | C m/m | IMPEDANCE ( OHM ) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R5C RH 14.3×13.8×6.35 | 14.3±0.3 | 13.8±0.4 | 6.35±0.25 | 58 | 123 |
| R5C RH 14.3×15.25×7.1 | 14.3±0.3 | 15.25±0.4 | 7.1±0.25 | 58 | 119 |
| R5C RH 14.3×28.6×7.25 | 14.3±0.3 | 28.6±0.6 | 7.25±0.25 | 130 | 222 |
| R5B RH 15×12×10.5 | 15±0.3 | 12±0.4 | 10.5±0.25 | 27 | 73 |
| R5 RH 15×15×10.5 | 15±0.3 | 15±0.4 | 10.5±0.25 | 32 | 73 |
| R5 RH 15.5×28.5×7.3 | 15.5±0.3 | 28.5±0.6 | 7.3±0.25 | 132 | 205 |
| R5 RH 15.8×28.5×7.9 | 15.8±0.3 | 28.5±0.6 | 7.9±0.25 | 101 | 201 |
| R5 RH 16×12×9 | 16±0.3 | 12±0.4 | 9±0.25 | 40 | 84 |
| R5 RH 16×13×8 | 16±0.3 | 13±0.4 | 8±0.25 | 46 | 102 |
| R5 RH 16×14×10 | 16±0.3 | 14±0.4 | 10 ±0.25 | 37 | 77 |
| R5 RH 16×14.2×8 | 16±0.3 | 14.2±0.4 | 8±0.25 | 55 | 114 |
| R7 RH 16×15×12 | 16±0.3 | 15±0.4 | 12±0.25 | 22 | 72 |
| R6 RH 16×15×12 | 16±0.3 | 15±0.4 | 12±0.25 | 25 | 64 |
| R5 RH 16×16×8 | 16±0.3 | 16±0.4 | 8±0.25 | 62 | 126 |
| R5 RH 16×17×9 | 16±0.3 | 17±0.4 | 9±0.25 | 55 | 107 |
| R5B RH 16×20.5×8 | 16±0.3 | 20.5±0.5 | 8±0.25 | 68 | 155 |
| R5 RH 16×20.5×8 | 16±0.3 | 20.5±0.5 | 8±0.25 | 81 | 150 |
| R5B RH 16×27×9 | 16± 0.3 | 27±0.6 | 9±0.25 | 95 | 158 |
| R5B RH 16×28.5×9 | 16±0.3 | 28.5±0.6 | 9±0.25 | 99 | 166 |
| R5 RH 16×28.5×9 | 16±0.3 | 28.5±0.6 | 9±0.25 | 101 | 161 |
| R6 RH 16×28.5×9 | 16±0.3 | 28.5±0.6 | 9±0.25 | 92 | 143 |
| R5C RH 16.25×14.3×7.9 | 16.25±0.75 | 14.3±0.4 | 7.9±0.25 | 57 | 112 |
| R5B RH 16.25×28.6×7.9 | 16.25±0.75 | 28.6±0.6 | 7.9±0.25 | 120 | 198 |
| R5C RH 16.25×28.6×7.9 | 16.25±0.75 | 28.6±0.6 | 7.9±0.25 | 122 | 217 |
| | | | | | |
| | | | | | |

## 3. Dimensions(m/m)

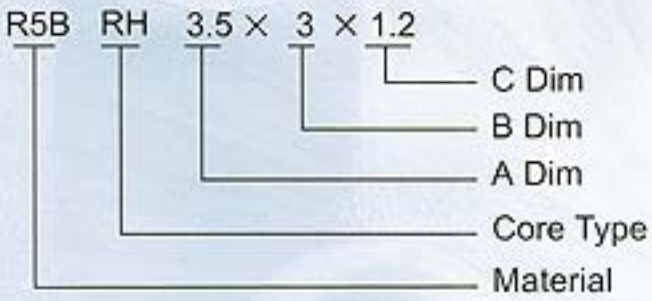
| CORES | A m/m | B m/m | C m/m | IMPEDANCE ( OHM ) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R5B RH 16.5×13×8 | 16.5±0.3 | 13±0.4 | 8±0.25 | 54 | 109 |
| R5C RH 17.45×12.7×9.5 | 17.45±0.3 | 12.7±0.4 | 9.5±0.25 | 43 | 93 |
| R5C RH 17.45×28.6×9.5 | 17.45±0.3 | 28.6±0.6 | 9.5±0.25 | 104 | 187 |
| R5 RH 17.5×12.7×9.5 | 17.5±0.3 | 12.7±0.4 | 9.5±0.25 | 35 | 77 |
| R5 RH 17.5×13.5×9.5 | 17.5±0.3 | 13.5±0.4 | 9.5±0.25 | 42 | 96 |
| R3 RH 17.5×28.5×9.5 | 17.5±0.3 | 28.5±0.6 | 9.5±0.25 | 51 | 174 |
| R5B RH 17.5×28.5×9.5 | 17.5±0.3 | 28.5±0.6 | 9.5±0.25 | 100 | 179 |
| R5 RH 17.5×28.5×10.7 | 17.5±0.3 | 28.5±0.6 | 10.7±0.25 | 70 | 135 |
| R5 RH 18.4×10×9.6 | 18.4±0.3 | 10±0.3 | 9.6±0.25 | 36 | 81 |
| R5 RH 18.4×12×9.6 | 18.4±0.3 | 12±0.4 | 9.6±0.25 | 43 | 89 |
| R6 RH 18.4×12×9.6 | 18.4±0.3 | 12±0.4 | 9.6±0.25 | 42 | 84 |
| R5B RH 18.4×10.25×9.75 | 18.4±0.3 | 10.25±0.4 | 9.75±0.25 | 38 | 87 |
| R5C RH 19×14.65×10.15 | 19±0.65 | 14.65±0.4 | 10.15±0.25 | 48 | 99 |
| R5 RH 19×25.4×10.15 | 19±0.65 | 25.4±0.6 | 10.15±0.25 | 90 | 166 |
| R5C RH 19×28.6×10.15 | 19±0.65 | 28.6±0.6 | 10.15±0.25 | 108 | 186 |
| R5 RH 20×18×10 | 20±0.3 | 18±0.4 | 10±0.25 | 68 | 126 |
| R5C RH 22.5×19×13.8 | 22.5±0.3 | 19±0.4 | 13.8±0.4 | 52 | 112 |
| R5C RH 25.9×21.3×12.8 | 25.9±0.5 | 21.3±0.5 | 12.8±0.4 | 90 | 155 |
| R5C RH 25.9×28.6×12.8 | 25.9±0.5 | 28.6±0.6 | 12.8±0.4 | 112 | 219 |
| R5 RH 26×28.5×13 | 26±0.5 | 28.5±0.6 | 13±0.4 | 100 | 211 |
| R5 RH 28×20×16 | 28±0.5 | 20±0.5 | 16±0.4 | 57 | 109 |
| R5 RH 28.5×15×14 | 28.5±0.5 | 15±0.4 | 14±0.4 | 61 | 117 |
| R5 RH 28.5×20×14 | 28.5±0.5 | 20±0.5 | 14±0.4 | 84 | 147 |
| R5 RH 28.5×28.5×13.8 | 28.5±0.5 | 28.5±0.6 | 13.8±0.4 | 133 | 231 |
| | | | | | |
| | | | | | |

## BEAD CORES / RH TYPE

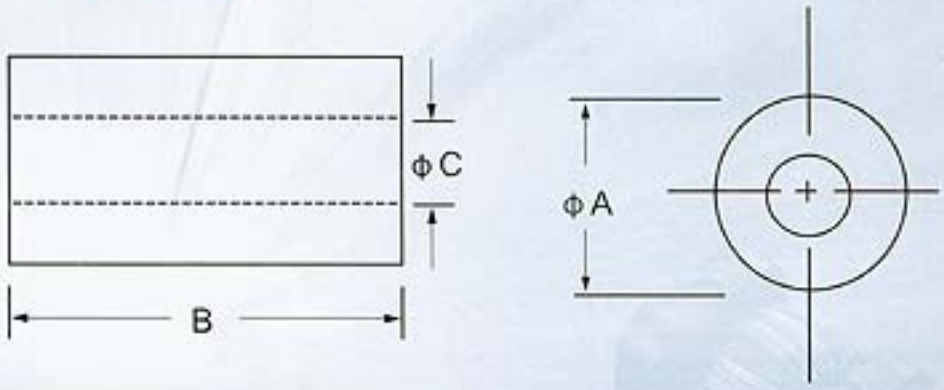


Ferrite beads core
The ferrite beads core are the tubular shaped ferrite core to be passed through beads of other elements or used as inductors by passing through Wir. They are used for high frequency choking cancelling of parasitic oscillation and noise.

## 1. Ordering Code




## 2. Shape




There are various shapes according to wire material and characteristics.

## 3. Dimensions(m/m)

| CCORES | A m/m | B m/m | C m/m | IMPEDANCE ( OHM ) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R6 RH 3×1.5×1 | 3±0.2 | 1.5±0.2 | 1±0.1 | 10 | 31 |
| R5B RH 3×2×1 | 3±0.2 | 2±0.2 | 1±0.1 | 15 | 37 |
| R5C RH 3×3×1 | 3±0.2 | 3±0.3 | 1±0.1 | 15 | 45 |
| R6 RH 3×3×1 | 3±0.2 | 3±0.3 | 1±0.1 | 20 | 41 |
| R5C RH 3×3×1.2 | 3±0.2 | 3±0.3 | 1.2±0.15 | 15 | 38 |
| R5 RH 3×6×1 | 3±0.2 | 6±0.3 | 1±0.1 | 35 | 72 |
| R6 RH 3×6×1 | 3±0.2 | 6±0.3 | 1±0.1 | 35 | 61 |
| R6 RH 3.5×2.4×1 | 3.5±0.2 | 2.4±0.2 | 1±0.1 | 15 | 39 |
| R5C RH 3.5×2.7×0.8 | 3.5±0.2 | 2.7±0.3 | 0.8±0.1 | 20 | 49 |
| R5 RH 3.5×3×0.8 | 3.5±0.2 | 3±0.3 | 0.8±0.1 | 20 | 46 |
| R5 RH 3.5×3×1 | 3.5±0.2 | 3±0.3 | 1±0.1 | 20 | 44 |
| R8B RH 3.5×3×1.2 | 3.5±0.2 | 3±0.3 | 1.2±0.15 | 8 | 45 |

## 3. Dimensions(m/m)

| CORES | A m/m | B m/m | C m/m | IMPEDANCE ( OHM ) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R8 RH 3.5×3×1.2 | 3.5±0.2 | 3±0.3 | 1.2±0.15 | 15 | 52 |
| R5B RH 3.5×3×1.2 | 3.5±0.2 | 3±0.3 | 1.2±0.15 | 15 | 43 |
| R5B RH 3.5×3×1.2 | 3.5±0.2 | 3±0.3 | 1.2±0.15 | 15 | 39 |
| R5B RH 3.5×3×1.3 | 3.5±0.2 | 3±0.3 | 1.3±0.15 | 15 | 42 |
| R6 RH 3.5×3×1.6 | 3.5±0.2 | 3±0.3 | 1.6±0.15 | 15 | 34 |
| R5 RH 3.5×3.1×1.8 | 3.5±0.2 | 3.1±0.3 | 1.8±0.15 | 10 | 35 |
| R5C RH 3.5×3.25×1.3 | 3.5±0.2 | 3.25±0.3 | 1.3±0.15 | 20 | 46 |
| R7 RH 3.5×3.25×1.6 | 3.5±0.2 | 3.25±0.3 | 1.6±0.15 | 15 | 43 |
| R5C RH 3.5×3.25×1.6 | 3.5±0.2 | 3.25±0.3 | 1.6±0.15 | 15 | 40 |
| R5B RH 3.5×4×1 | 3.5±0.2 | 4±0.3 | 1±0.1 | 30 | 63 |
| R5 RH 3.5×4×1 | 3.5±0.2 | 4±0.3 | 1±0.1 | 25 | 54 |
| R6 RH 3.5×4×1 | 3.5±0.2 | 4±0.3 | 1±0.1 | 25 | 50 |
| R5B RH 3.5×4×1.2 | 3.5±0.2 | 4±0.3 | 1.2±0.15 | 20 | 55 |
| R5 RH 3.5×4×1.2 | 3.5±0.2 | 4±0.3 | 1.2±0.15 | 25 | 50 |
| R6 RH 3.5×4×1.2 | 3.5±0.2 | 4±0.3 | 1.2±0.15 | 20 | 44 |
| R5C RH 3.5×4.05×1.65 | 3.5±0.2 | 4.05±0.3 | 1.65+0.25 | 15 | 44 |
| R5B RH 3.5×4.5×0.8 | 3.5±0.2 | 4.5±0.3 | 0.8±0.1 | 35 | 69 |
| R5 RH 3.5×4.5×0.8 | 3.5±0.2 | 4.5±0.3 | 0.8±0.1 | 30 | 58 |
| R5B RH 3.5×4.5×1 | 3.5±0.2 | 4.5±0.3 | 1±0.1 | 30 | 70 |
| R78 RH 3.5×4.5×1.2 | 3.5±0.2 | 4.5±0.3 | 1.2±0.15 | 25 | 71 |
| R5 RH 3.5*4.5×1.2 | 3.5±0.2 | 4.5±0.3 | 1.2±0.15 | 28 | 58 |
| R5B RH 3.5×4.7×0.8 | 3.5±0.2 | 4.7±0.3 | 0.8±0.1 | 30 | 70 |
| R6 RH 3.5×4.7×0.8 | 3.5±0.2 | 4.7±0.3 | 0.8±0.1 | 30 | 57 |
| R5C RH 3.5×5×0.8 | 3.5± 0.2 | 5±0.3 | 0.8±0.1 | 35 | 78 |
| R6 RH 3.5×5×0.8 | 3.5±0.2 | 5±0.3 | 0.8±0.1 | 35 | 60 |
| | | | | | |

## 3. Dimensions(m/m)

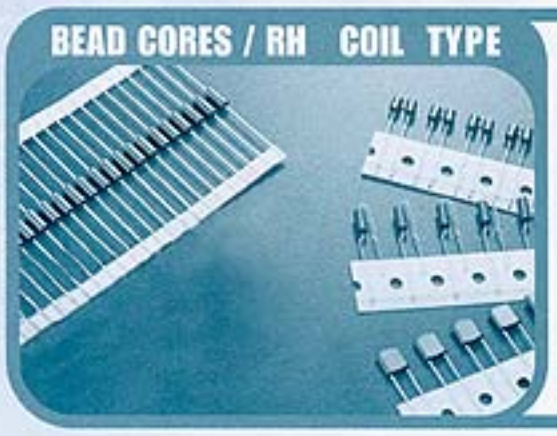
| CORES | A m/m | B m/m | C m/m | IMPEDANCE (OHM) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R6 RH 3.5×9.5×0.8 | 3.5±0.2 | 9.5±0.3 | 0.8±0.1 | 65 | 107 |
| R5 RH 3.5×9.5×1.2 | 3.5±0.2 | 9.5±0.3 | 1.2±0.15 | 59 | 109 |
| R5 RH 3.5×12×1.2 | 3.5±0.2 | 12±0.4 | 1.2±0.15 | 70 | 132 |
| R6 RH 3.5×12×1.2 | 3.5±0.2 | 12±0.4 | 1.2±0.15 | 65 | 108 |
| R5C RH 3.55×3.3×1.65 | 3.55±0.2 | 3.3±0.3 | 1.65±0.15 | 15 | 39 |
| R6 RH 3.8×9.9×2.2 | 3.8±0.2 | 9.9±0.3 | 2.2±0.2 | 25 | 50 |
| R6 RH 4×2×1.5 | 4±0.2 | 2±0.2 | 1.5±0.15 | 10 | 33 |
| R78 RH 4×3×1.5 | 4±0.2 | 3±0.3 | 1.5±0.15 | 15 | 47 |
| R5 RH 4×3×2 | 4±0.2 | 3±0.3 | 2±0.15 | 10 | 34 |
| R78 RH 4×4×1.5 | 4±0.2 | 4±0.3 | 1.5±0.15 | 20 | 56 |
| R6 RH 4×4×1.5 | 4±0.2 | 4±0.3 | 1.5±0.15 | 25 | 47 |
| R5C RH 4×4.3×1.5 | 4±0.2 | 4.3±0.3 | 1.5±0.15 | 25 | 53 |
| R5 RH 4×4.5×2 | 4±0.2 | 4.5±0.3 | 2±0.15 | 20 | 44 |
| R5 RH 4×5×2 | 4±0.2 | 5±0.3 | 2±0.15 | 20 | 44 |
| R5 RH 4×6×1.5 | 4±0.2 | 6±0.3 | 1.5±0.15 | 35 | 64 |
| R5B RH 4×6×2 | 4±0.2 | 6±0.3 | 2±0.15 | 25 | 53 |
| R5 RH 4×7×2 | 4±0.2 | 7±0.3 | 2±0.15 | 25 | 55 |
| R5 RH 4×10×1.5 | 4±0.2 | 10±0.3 | 1.5±0.15 | 50 | 103 |
| R78 RH 4×10×2 | 4±0.2 | 10±0.3 | 2±0.15 | 35 | 94 |
| R5 RH 4×10×2 | 4±0.2 | 10±0.3 | 2±0.15 | 30 | 60 |
| R6 RH 4×10×2 | 4±0.2 | 10±0.3 | 2±0.15 | 35 | 64 |
| R5 RH 4.1×3.2×1.6 | 4.1±0.2 | 3.2±0.3 | 1.6±0.15 | 20 | 45 |
| R5 RH 4.1×4×1.6 | 4.1±0.2 | 4±0.3 | 1.6±0.15 | 20 | 48 |
| R5 RH 4.3×2.5×2.4 | 4.3±0.2 | 2.5±0.3 | 2.4±0.2 | 10 | 33 |
| R5 RH 4.5×5×1.6 | 4.5±0.2 | 5±0.3 | 1.6±0.15 | 30 | 57 |
| | | | | | |

## 3. Dimensions(m/m)

| CORES | A m/m | B m/m | C m/m | IMPEDANCE (OHM) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R5B RH 3.5×5×1.2 | 3.5±0.2 | 5±0.3 | 1.2±0.15 | 30 | 60 |
| R5 RH 3.5×5×1.2 | 3.5±0.2 | 5±0.3 | 1.2±0.15 | 25. | 52 |
| R5B RH 3.5×5×1.8 | 3.5±0.2 | 5±0.3 | 1.8±0.15 | 20 | 47 |
| R5 RH 3.5×5×1.8 | 3.5±0.2 | 5±0.3 | 1.8±0.15 | 20 | 46 |
| R5B RH 3.5×5.2×0.8 | 3.5±0.2 | 5.2±0.3 | 0.8±0.1 | 35 | 72 |
| R5 RH 3.5×5.2×0.8 | 3.5±0.2 | 5.2±0.3 | 0.8±0.1 | 35 | 65 |
| R5B RH 3.5×6×0.8 | 3.5±0.2 | 6±0.3 | 0.8±0.1 | 45 | 87 |
| R6 RH 3.5×6×0.8 | 3.5±0.2 | 6±0.3 | 0.8±0.1 | 40 | 71 |
| R78 RH 3.5×6×1 | 3.5±0.2 | 6±0.3 | 1±0.1 | 35 | 95 |
| R6 RH 3.5×6×1 | 3.5±0.2 | 6±0.3 | 1±0.1 | 40 | 69 |
| R5B RH 3.5×6×1.2 | 3.5±0.2 | 6±0.3 | 1.2±0.15 | 35 | 71 |
| R5C RH 3.5×6×1.3 | 3.5±0.2 | 6±0.3 | 1.3±0.15 | 35 | 71 |
| R5C RH 3.5×6×1.6 | 3.5±0.2 | 6 ±0.3 | 1.6±0.15 | 25 | 59 |
| R5B RH 3.5×6.7×0.8 | 3.5±0.2 | 6.7±0.3 | 0.8±0.1 | 45 | 92 |
| R5 RH 3.5×7.5×0.8 | 3.5±0.2 | 7.5±0.3 | 0.8±0.1 | 50 | 102 |
| R6 RH 3.5×7.5×0.8 | 3.5±0.2 | 7.5±0.3 | 0.8±0.1 | 45 | 75 |
| R5 RH 3.5×8×0.8 | 3.5±0.2 | 8±0.3 | 0.8±0.1 | 50 | 104 |
| R6 RH 3.5×8×0.8 | 3.5±0.2 | 8±0.3 | 0.8±0.1 | 50 | 89 |
| R6 RH 3.5×8×1 | 3.5±0.2 | 8±0.3 | 1±0.1 | 50 | 87 |
| R78 RH 3.5×8.3×0.8 | 3.5±0.2 | 8.3±0.3 | 0.8±0.1 | 50 | 130 |
| R5C RH 3.5×9×0.8 | 3.5±0.2 | 9±0.3 | 0.8±0.1 | 60 | 123 |
| R5 RH 3.5×9×0.8 | 3.5±0.2 | 9±0.3 | 0.8±0.1 | 60 | 107 |
| R6 RH 3.5×9×0.8 | 3.5±0.2 | 9±0.3 | 0.8±0.1 | 60 | 100 |
| R78 RH 3.5×9×1 | 3.5±0.2 | 9±0.3 | 1±0.1 | 55 | 136 |
| R6 RH 3.5×9×1 | 3.5±0.2 | 9±0.3 | 1±0.1 | 60 | 101 |
| | | | | | |

## 3. Dimensions(m/m)

| CORES | A m/m | B m/m | C m/m | IMPEDANCE ( OHM ) | |
|---|---|---|---|---|---|
| | | | | 25MHZ MIN. | 100MHZ ±20% |
| R5C RH 4.5×6×1.6 | 4.5±0.2 | 6±0.3 | 1.6±0.15 | 35 | 72 |
| R5B RH 4.5×7×1.6 | 4.5±0.2 | 7±0.3 | 1.6±0.15 | 40 | 80 |
| R6 RH 4.8×15×2.8 | 4.8±0.2 | 15±0.4 | 2.8±0.2 | 45 | 73 |
| R5B RH 4.8×19×2.8 | 4.8±0.2 | 19±0.4 | 2.8±0.2 | 50 | 110 |
| R5B RH 5×4.8×2.4 | 5±0.2 | 4.8±0.3 | 2.4±0.2 | 20 | 46 |
| R6 RH 5×6×2.4 | 5±0.2 | 6±0.3 | 2.4±0.2 | 25 | 49 |
| R5 RH 5×10×2.8 | 5±0.2 | 10±0.3 | 2.8±0.2 | 35 | 72 |
| R5C RH 5.1×3.4×1.45 | 5.1±0.2 | 3.4-0.45 | 1.45+0.25 | 20 | 50 |
| R5 RH 5.1×3.4×1.45 | 5.1±0.2 | 3.4-0.45 | 1.45+0.25 | 20 | 47 |
| R5C RH 5.1×6.35×1.45 | 5.1±0.2 | 6.35±0.3 | 1.45+0.25 | 40 | 91 |
| R5C RH 5.1×11.1×1.45 | 5.1±0.2 | 11.1±0.3 | 1.45+0.25 | 75 | 132 |
| R5 RH 5.1×12.7×2.3 | 5.1±0.2 | 12.7±0.4 | 2.3±0.2 | 50 | 89 |
| R3 RH 5.4×3×2.8 | 5.4±0.2 | 3±0.3 | 2.8±0.2 | 10 | 39 |
| R5 RH 5.4×3×2.8 | 5.4±0.2 | 3±0.3 | 2.8±0.2 | 10 | 36 |
| R6 RH 5.4×3×2.8 | 5.4±0.2 | 3±0.3 | 2.8±0.2 | 10 | 34 |
| R5 RH 6×5.5×3 | 6±0.2 | 5.5±0.3 | 3±0.2 | 20 | 46 |
| R6 RH 6×6.5×4.2 | 6±0.2 | 6.5±0.3 | 4.2±0.2 | 10 | 35 |
| R6 RH 6×7×3 | 6±0.2 | 7±0.3 | 3±0.2 | 25 | 52 |
| R6 RH 6×8×3 | 6±0.2 | 8±0.3 | 3±0.2 | 30 | 55 |
| R6 RH 6×10×3 | 6±0.2 | 10±0.3 | 3±0.2 | 35 | 63 |
| R5 RH 6×10×4.2 | 6±0.2 | 10±0.3 | 4.2±0.2 | 20 | 50 |
| R5C RH 6×12.7×2.65 | 6-0.9 | 12.7±0.4 | 2.65±0.2 | 45 | 88 |
| R5C RH 6.35×12.7×2.95 | 6.35±0.2 | 12.7±0.4 | 2.95+0.45 | 50 | 95 |
| R6 RH 6.35×15.5×2.95 | 6.35±0.2 | 15.5±0.4 | 2.95+0.45 | 55 | 93 |
| R5C RH 6.35×15.9×2.95 | 6.35±0.2 | 15.9±0.4 | 2.95+0.45 | 55 | 106 |
| | | | | | |




Tapping Ferite Bead Core.

The Tapping ferrite bead cores are producted for the automatic insertion into PC boards.

## 1. Ordering Code

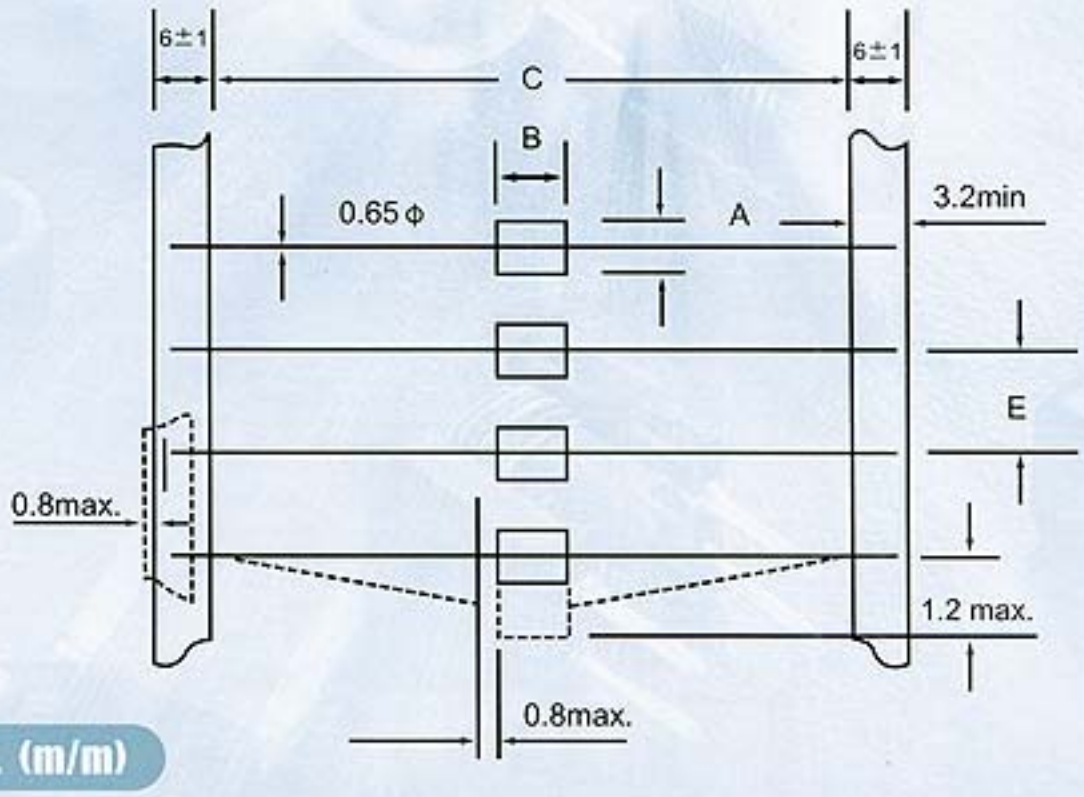
R5 035 06 □ R5B

- R5B — Material
- □ — Packing Style:;S:Single:; T:Tape And Reel
- 06 — B Dimensions
- 035 — A Dimensions
- R5 — Product Symbol

## 2. Material

R78. R7. R5

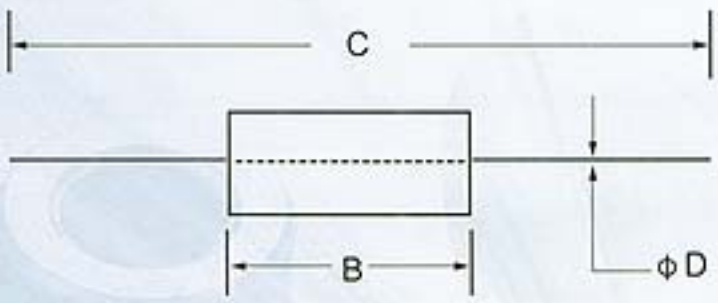
## 3. The tapping dimensions are shown in the table below.

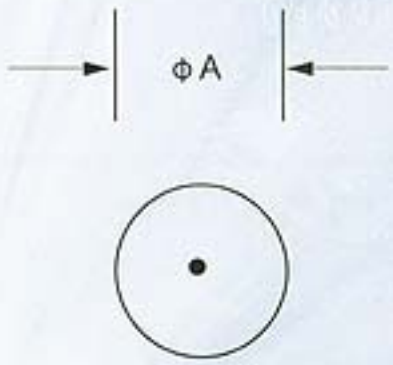



## TO met EIA spec. (m/m)

| Item | Component body pitch | Component pitch | Inside tape spacing |
|---|---|---|---|
| Symbol | A | E±0.5 | C |
| Dimension | 0 TO 5 | E±0.5 | 52.4±1.5 |
| | 5 TO 10 | E±0.5 | 63.5±1.5 |
| | 10 TO 15 | E±0.5 | 73.0±1.5 |

## 4. PACKAGING: 5000PCS PER REEL



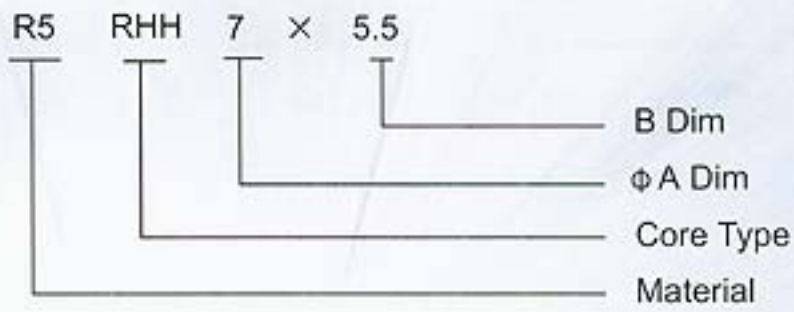




| Part No. | ϕ A m/m | B m/m | C m/m | ϕ D m/m | Min. Impedance (Ohm) | |
|---|---|---|---|---|---|---|
| | | | | | 50MHZ | 100MHZ |
| RH 035030-R5B | 3.5±0.2 | 3.0±0.3 | 63±3 | 0.65 | 20 | 35 |
| RH 035035-R5B | | 3.5±0.3 | | | 25 | 45 |
| RH 035045-R5 | | 4.5±0.3 | | | 30 | 45 |
| RH 035045-R5B | | 4.5±0.3 | | | 25 | 45 |
| RH 035047-R6 | | 4.7±0.3 | | | 35 | 45 |
| RH 035047-R7B | | 4.7±0.3 | | | 30 | 60 |
| RH 035052-R5 | | 5.2±0.3 | | | 30 | 50 |
| RH 035060-R5B | | 6.0±0.3 | | | 35 | 60 |
| RH 035067-R5 | | 6.7±0.3 | | | 45 | 60 |
| RH 035075-R5 | | 7.5±0.3 | | | 50 | 75 |
| RH 035075-R6 | | 7.5±0.3 | | | 50 | 70 |
| RH 035080-R5B | | 8.0±0.3 | | | 55 | 90 |
| RH 035083-R78 | | 8.3±0.3 | | | 50 | 110 |
| RH 035090-R5 | | 9.0±0.3 | | | 65 | 100 |
| RH 035090-R6 | | 9.0±0.3 | | | 60 | 80 |

**BALUN CORES / RHH, R4H, RID TYPE**

Balun Cores employed in balance-unbalance transformers find wide application today not only in the input circuits to TV and FM tuners but also in CATV networks and installations.

## 1. Ordering Code




## 2. Shape

FIG.1

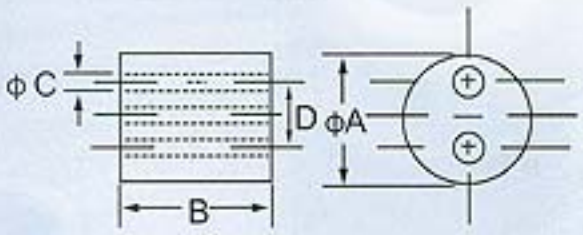



FIG.2

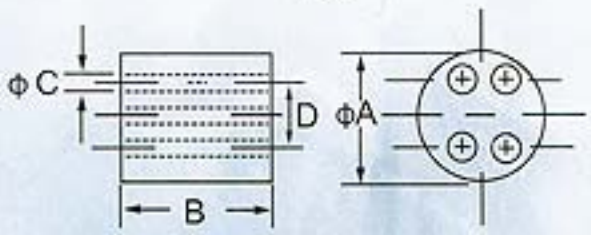
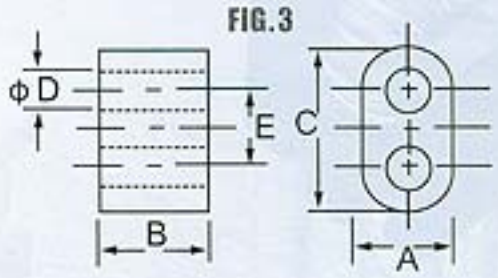



FIG.3




## 3. Dimensions (m/m)

| CORES | A m/m | B m/m | C m/m | D m/m | E m/m | Fig1 |
|---|---|---|---|---|---|---|
| R6 RHH 6.5×6 | 6.5±0.3 | 6±0.3 | 1.0±0.15 | 2.5±0.15 | 2.4 | 1 |
| R6 RHH 7×2.5 | 7±0.2 | 2.5±0.2 | 1.5±0.15 | 3±0.15 | 2.8 | 1 |
| R3 RHH 7×5.5 | 7±0.2 | 5.5±0.3 | 1.5±0.15 | 3±0.15 | 2.8 | 1 |
| R6 RHH 7×6 | 7±0.3 | 6±0.3 | 1.5±0.15 | 3±0.15 | 2.8 | 1 |
| R5B R4H 8×5 | 8±0.2 | 5±0.3 | 1.5±0.15 | 3.2±0.15 | 4.6 | 2 |
| R5 R4H 8×5 | 8±0.2 | 5±0.3 | 1.5±0.15 | 3.2±0.15 | 4.6 | 2 |
| R6 R4H 8×5 | 8±0.2 | 5±0.3 | 1.5±0.15 | 3.2±0.15 | 4.6 | 2 |

## 3. Dimensions(m/m)

| CORES | A m/m | B m/m | C m/m | D m/m | E m/m | Fig1 |
|---|---|---|---|---|---|---|
| R6 RHH 8×7 | 8±0.2 | 7±0.3 | 1.5±0.15 | 3.2±0.15 | 4.6 | 2 |
| R8 RID 2×2×3.5 (0.8) | 2±0.15 | 2±0.15 | 3.5±0.2 | 0.8±0.1 | 1.5 | 3 |
| R6 RID 2×2×3.5 (0.8) | 2±0.15 | 2±0.15 | 3.5±0.2 | 0.8±0.1 | 1.5 | 3 |
| R6 RID 2×2.2×3.5(0.8) | 2±0.15 | 2.2±0.15 | 3.5±0.2 | 0.8±0.1 | 1.5 | 3 |
| R5C RID 2×2.35×3.45(0.75) | 2±0.15 | 2.35±0.25 | 3.45±0.25 | 0.75±0.25 | 1.5 | 3 |
| R6 RID 2×2.4×3.5(0.8) | 2±0.15 | 2.4±0.2 | 3.5±0.2 | 0.8±0.1 | 1.5 | 3 |
| R6 RID 2×2.6×3.5(0.8) | 2±0.15 | 2.6±0.2 | 3.5±0.2 | 0.8±0.1 | 1.5 | 3 |
| R6 RID 2×2.8×3.5(0.8) | 2±0.15 | 2.8±0.2 | 3.5±0.2 | 0.8±0.1 | 1.5 | 3 |
| R6 RID 2×3×3.5(0.8) | 2±0.15 | 3±0.2 | 3.5±0.2 | 0.8±0.1 | 1.5 | 3 |
| R6 RID 2×1.5×3.5(1.0) | 2±0.15 | 1.5±0.2 | 3.5±0.2 | 1.0±0.15 | 1.5 | 3 |
| R5B RID 2×2×3.5(1.0) | 2±0.2 | 2±0.2 | 3.5±0.2 | 1.0±0.15 | 1.5 | 3 |
| R5C RID 2×2×3.5(1.0) | 2±0.2 | 2±0.2 | 3.5±0.2 | 1.0±0.15 | 1.5 | 3 |
| R6 RID 2×2×3.5(1.0) | 2±0.2 | 2±0.2 | 3.5±0.2 | 1.0±0.15 | 1.5 | 3 |
| R6 RID 2×2.2×3.5(1.0) | 2±0.15 | 2.2±0.15 | 3.5±0.2 | 1.0±0.15 | 1.5 | 3 |
| R6 RID 2×2.3×3.5(1.0) | 2±0.2 | 2.3±0.3 | 3.5±0.2 | 1.0±0.1 | 1.5 | 3 |
| R6 RID 2×2.4×3.5(1.0) | 2±0.15 | 2.4±0.2 | 3.5±0.2 | 1.0±0.15 | 1.5 | 3 |
| R6 RID 2×2.5×3.5(1.0) | 2±0.15 | 2.5±0.2 | 3.5±0.2 | 1.0±0.15 | 1.5 | 3 |
| R6 RID 2×2.6×3.5(1.0) | 2±0.15 | 2.6±0.2 | 3.5±0.2 | 1.0±0.15 | 1.5 | 3 |
| R3 RID 2×2.8×3.5(1.0) | 2±0.15 | 2.8±0.2 | 3.5±0.2 | 1.0±0.15 | 1.5 | 3 |
| R6 RID 2×2.8×3.5(1.0) | 2±0.15 | 2.8±0.2 | 3.5±0.2 | 1.0±0.15 | 1.5 | 3 |
| R6 RID 2×3×3.5(1.0) | 2±0.15 | 2.8±0.15 | 3.5±0.2 | 1.0±0.1 | 1.5 | 3 |
| R6 RID 2.15×1.5×3.5(1.0) | 2.15±0.2 | 1.5±0.2 | 5±0.2 | 1.0±0.15 | 1.5 | 3 |
| R3 RID 2.3×7.5×7.5(0.8) | 2.3±0.2 | 7.5±0.2 | 7.5±0.3 | 0.8±0.1 | 3.5 | 3 |
| R5B RID 2.3×7.5×7.5(0.8) | 2.3±0.2 | 7.5±0.2 | 7.5±0.3 | 0.8±0.1 | 3.5 | 3 |
| | | | | | | |
| | | | | | | |

## 3. Dimensions(m/m)

| CORES | A m/m | B m/m | C m/m | D m/m | E m/m | Fig1 |
|---|---|---|---|---|---|---|
| R3 RID 2.65×2×5.35 (1.2) | 2.65±0.2 | 2±0.2 | 5.35±0.3 | 1.2±0.15 | 2.5 | 3 |
| R6 RID 2.65×2.1×5.35 (1.2) | 2.65±0.2 | 2.1±0.2 | 5.35±0.3 | 1.2±0.15 | 2.5 | 3 |
| R6 RID 2.65×3×5.35 (1.2) | 2.65±0.2 | 3±0.2 | 5.35±0.3 | 1.2±0.15 | 2.5 | 3 |
| R6 RID 2.9×2×6.5(1.0) | 2.9±0.2 | 2±0.2 | 6.5±0.3 | 1.0±0.15 | 3.5 | 3 |
| R6 RID 3×1.55×5.2(1.0) | 3±0.2 | 1.55±0.2 | 5.2±0.3 | 1.0±0.15 | 2.25 | 3 |
| R3 RID 3×2×5(1.5) | 3±0.2 | 2±0.2 | 5±0.3 | 1.5±0.15 | 2.25 | 3 |
| R5B RID 3×2×5(1.5) | 3±0.2 | 2±0.2 | 5±0.3 | 1.5±0.15 | 2.25 | 3 |
| R6 RID 3×2×5(1.5) | 3±0.2 | 2±0.2 | 5±0.3 | 1.5±0.15 | 2.25 | 3 |
| R6 RID 3×2×5(1.2) | 3±0.2 | 2±0.2 | 5±0.3 | 1.2±0.15 | 2.25 | 3 |
| R6 RID 3×2×5.5(1.2) | 3±0.15 | 2±0.2 | 5.5±0.15 | 1.2±0.15 | 2.25 | 3 |
| R3 RID 3×2×6.5(1.0) | 3±0.2 | 2±0.2 | 6.5±0.3 | 1.0±0.15 | 3.5 | 3 |
| R5B RID 3×2×6.5(1.0) | 3±0.2 | 2±0.2 | 6.5±0.3 | 1.0±0.15 | 3.5 | 3 |
| R5 RID 3×2×6.5(1.0) | 3±0.2 | 2±0.2 | 6.5±0.3 | 1.0±0.15 | 3.5 | 3 |
| R6 RID 3×2×6.5(1.0) | 3±0.2 | 2±0.2 | 6.5±0.3 | 1.0±0.15 | 3.5 | 3 |
| R3 RID 3×3×5(1.5) | 3±0.2 | 3±0.2 | 5±0.3 | 1.5±0.15 | 2.25 | 3 |
| R5 RID 3×3×5(1.5) | 3±0.2 | 3±0.2 | 5±0.3 | 1.5±0.15 | 2.25 | 3 |
| R6 RID 3×3×5(1.5) | 3±0.2 | 3±0.2 | 5±0.3 | 1.5±0.15 | 2.25 | 3 |
| R6 RID 3×3×5(1.2) | 3±0.2 | 3±0.2 | 5±0.3 | 1.2±0.15 | 2.25 | 3 |
| R3 RID 3×3×5.2(1.0) | 3±0.2 | 3±0.3 | 5.2±0.3 | 1.0±0.15 | 2.5 | 3 |
| R5 RID 3×3×5.2(1.0) | 3±0.2 | 3±0.3 | 5.2±0.3 | 1.0±0.15 | 2.5 | 3 |
| R6 RID 3×3×5.2(1.0) | 3±0.2 | 3±0.3 | 5.2±0.3 | 1.0±0.15 | 2.5 | 3 |
| R6 RID 3×3×5.5(1.2) | 3±0.2 | 3±0.3 | 5.5±0.3 | 1.2±0.15 | 2.5 | 3 |
| R6 RID 3×3×6.5(1.0) | 3±0.2 | 3±0.3 | 6.5±0.3 | 1.0±0.15 | 3.5 | 3 |
| R3 RID 3×5×5(1.2) | 3±0.2 | 5±0.3 | 5±0.3 | 1.2±0.11 | 2.25 | 3 |
| | | | | | | |
| | | | | | | |

## 3. Dimensions(m/m)

| CORES | A m/m | B m/m | C m/m | D m/m | E m/m | Fig1 |
|---|---|---|---|---|---|---|
| R6 RID 3×5×5 (1.2) | 3±0.2 | 5±0.3 | 5±0.3 | 1.2±0.15 | 2.25 | 3 |
| R3 RID 3×5×5 (1.5) | 3±0.2 | 5±0.3 | 5±0.3 | 1.5±0.15 | 2.25 | 3 |
| R6 RID 3×5×5.5 (1.2) | 3±0.2 | 5±0.3 | 5.5±0.3 | 1.2±0.51 | 2.5 | 3 |
| R6 RID 3×6×5.5(1.0) | 3±0.2 | 6±0.3 | 5.5±0.3 | 1.2±0.15 | 2.5 | 3 |
| R5B RID 3.5×3.2×6.4(1.8) | 3.5±0.2 | 3.2±0.2 | 6.4±0.3 | 1.8±0.15 | 3.0 | 3 |
| R5 RID 3.5×5×6.5(1.8) | 3.5±0.2 | 5±0.3 | 6.5±0.3 | 1.8±0.15 | 3.0 | 3 |
| R6 RID 4.1×3.2×7(1.5) | 4.1±0.2 | 3.2±0.2 | 7±0.3 | 1.5±0.15 | 2.9 | 3 |
| R3 RID 4.1×3.2×7(1.5) | 4.1±0.2 | 3.2±0.2 | 7±0.3 | 1.5±0.15 | 2.9 | 3 |
| R5C RID 4.1×3.2×7(1.8) | 4.1±0.2 | 3.2±0.2 | 7±0.3 | 1.8±0.15 | 2.9 | 3 |
| R5 RID 4.1×3.2×7(1.8) | 4.1±0.2 | 3.2±0.2 | 7±0.3 | 1.8±0.15 | 2.9 | 3 |
| R6 RID 4.1×3.2×7(1.8) | 4.1±0.2 | 3.2±0.2 | 7±0.3 | 1.8±0.15 | 2.9 | 3 |
| R5 RID 4.1×6×7(1.8) | 4.1±0.2 | 6±0.3 | 7±0.3 | 1.8±0.15 | 2.9 | 3 |
| R3 RID 4.1×6.6×7(1.8) | 4.1±0.2 | 6.6±0.3 | 7±0.3 | 1.8±0.15 | 2.9 | 3 |
| R5 RID 4.1×6.6×7(1.8) | 4.1±0.2 | 6.6±0.3 | 7±0.3 | 1.8±0.15 | 2.9 | 3 |
| R6 RID 4.1×6.6×7(1.8) | 4.1±0.2 | 6.6±0.3 | 7±0.3 | 1.8±0.15 | 2.9 | 3 |
| R6 RID 4.1×6.8×7(1.8) | 4.1±0.2 | 6.8±0.3 | 7±0.3 | 1.8±0.15 | 2.9 | 3 |
| R5C RID 4.2×3.1×7(1.7) | 4.2±0.25 | 3.1±0.25 | 7±0.25 | 1.7±0.2 | 2.9 | 3 |
| R78 RID 4.2×3.2×7(1.8) | 4.2±0.2 | 3.2±0.2 | 7±0.3 | 1.8±0.15 | 2.9 | 3 |
| R5C RID 4.2×6.2×7(1.7) | 4.2±0.25 | 6.2±0.25 | 7±0.25 | 1.7±0.2 | 2.9 | 3 |
| R3 RID 7.5×4×13.5(3.8) | 7.5±0.3 | 4±0.3 | 13.5±0.3 | 3.8±0.15 | 5.7 | 3 |
| R3 RID 7.5×7×13.5(3.8) | 7.5±0.3 | 7±0.3 | 13.5±0.3 | 3.8±0.15 | 5.7 | 3 |
| R78 RID 7.5×13.4×13.3(3.8) | 7.5±0.3 | 13.4±0.3 | 13.3±0.6 | 3.8±0.25 | 5.7 | 3 |
| R3 RID 7.5×14.35×13.3(3.8) | 7.5±0.35 | 14.35±0.5 | 13.3±0.6 | 3.8±0.25 | 5.7 | 3 |
| R5C RID 7.5×14.35×13.3(3.8) | 7.5±0.35 | 14.35±0.5 | 13.5±0.6 | 3.8±0.25 | 5.7 | 3 |
| | | | | | | |
| | | | | | | |

## ROD CORES / R TYPE

R TYPE is mainly used as the magnetic cores of the coils which do not require adjustments as well as magnetic shield.

### 1. Ordering Code

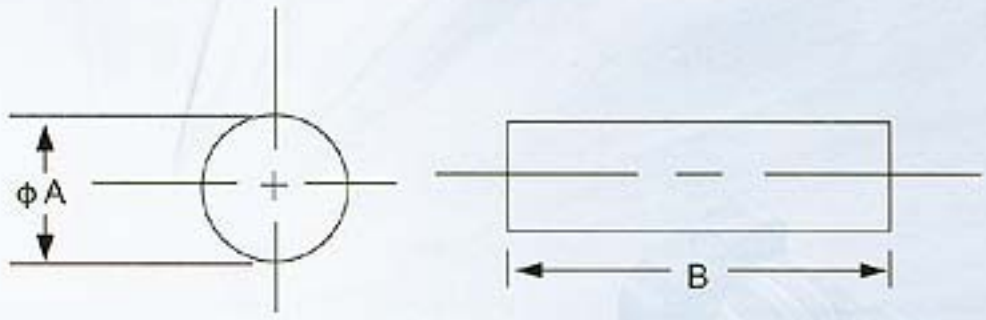
R3A R 5 × 20

- 20 — B Dim
- 5 — ϕA Dim
- R — Core Type
- R3A — Material

### 2. Material

**R3. R3A**

### 3. Shape




### 4. Dimensions (m/m)

| CORES | A m/m | C m/m |
|---|---|---|
| R 2×4 | 2±0.2 | 4±0.3 |
| R 2×8 | 2±0.2 | 8±0.3 |
| R 3×8 | 3±0.2 | 8±0.3 |
| R 3×10 | 3±0.2 | 10±0.3 |
| R 4×10 | 4±0.2 | 10±0.3 |
| R 4×12 | 4±0.2 | 12±0.3 |
| R 4×15 | 4±0.2 | 15±0.4 |
| R 5×15 | 5±0.3 | 15±0.4 |
| R 5×20 | 5±0.3 | 20±0.5 |
| R 6×20 | 6±0.3 | 20±0.5 |
| R 6×25 | 6±0.3 | 25±0.5 |
| R 6×30 | 6±0.3 | 30±0.5 |
| R 8.6×28 | 8.6±0.3 | 28±0.5 |
| R 10×20 | 10±0.4 | 20±0.5 |
| R 10×30 | 10±0.4 | 30±0.8 |

## R6H WIDE BAND CHOKES

R6H Type Cores are used for Wide Band Choke. The impedance is substantially resistiveand constant. The chokes consist of rod-type bodies with six or eight axial holes through which wire is threaded to from a 0.5, 1.0, 1.5×2, 2.5, 3 or 3.5 turns coil.

## 1. Ordering Code

WBC 06 10 R6H — R8

- R8 — Core Material
- R6H — Core Type
- 10 — Core Length
- 06 — Core OD
- WBC — Product Symbol

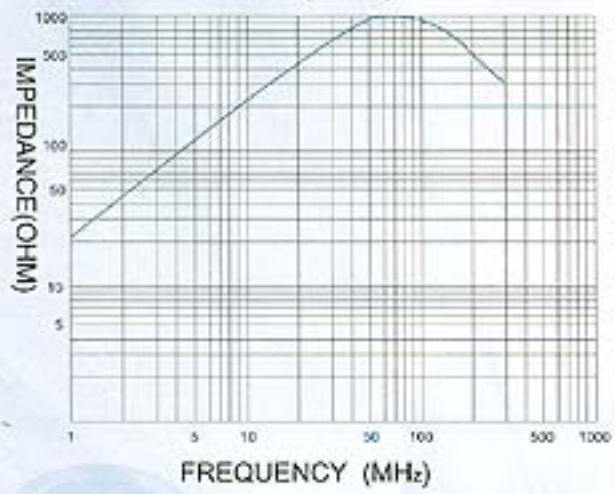
## 2. Material

R8. R78.R5B.R6.

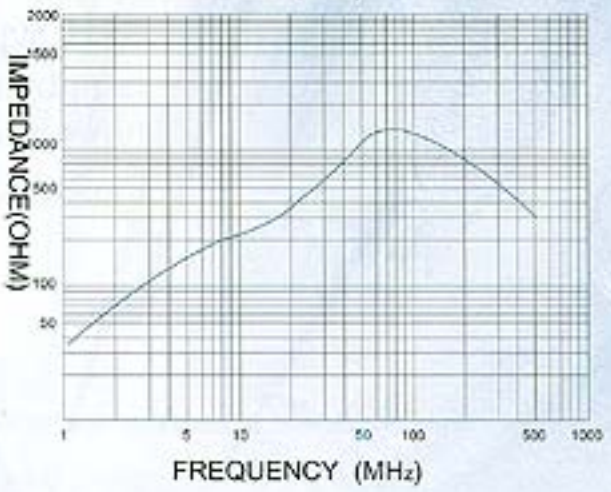
## 3. Dimensions (m/m)

| PART NO. | CORE MATERIAL | TUENS | TYPICAL IMPEDANCE (OHM) | | |
|---|---|---|---|---|---|
| | | | 10 MHz | 50 MHz | 100 MHz |
| WBC0610R6H- | R8 | 1.0 | 65 | 220 | 315 |
| | R78 | | 95 | 235 | 310 |
| | R5B | | 110 | 220 | 270 |
| | R6 | | 150 | 190 | 210 |
| | R8 | 1.5 OR 1.5×2 | 120 | 415 | 600 |
| | R78 | | 175 | 445 | 590 |
| | R5B | | 200 | 420 | 500 |
| | R6 | | 283 | 360 | 380 |
| | R8 | 2.5 | 235 | 880 | 1200 |
| | R78 | | 360 | 920 | 1100 |
| | R5B | | 390 | 830 | 910 |
| | R6 | | 540 | 680 | 700 |
| | R8 | 3.0 | 280 | 1130 | 1400 |
| | R78 | | 440 | 1180 | 1250 |
| | R5B | | 490 | 1000 | 1050 |
| | R6 | | 680 | 870 | 820 |

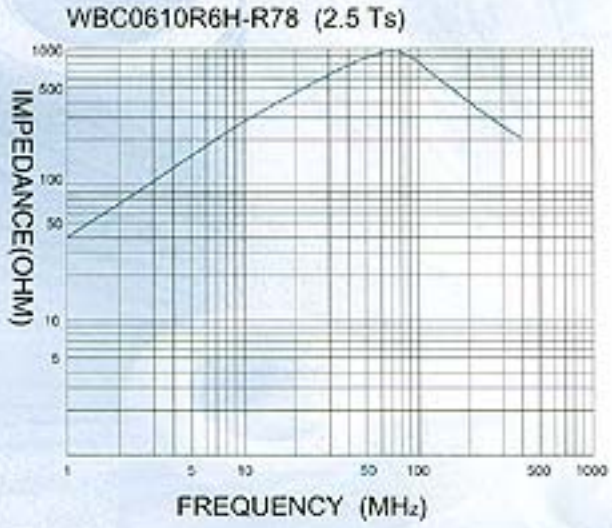
WBC0610R6H-R8 (2.5 Ts)



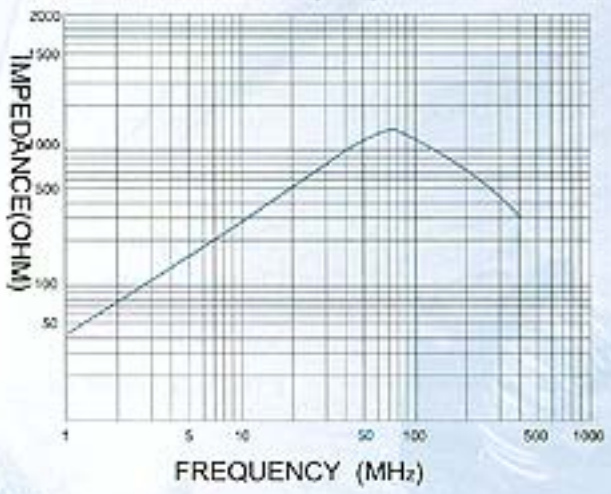

WBC0610R6H-R8 (3 Ts)



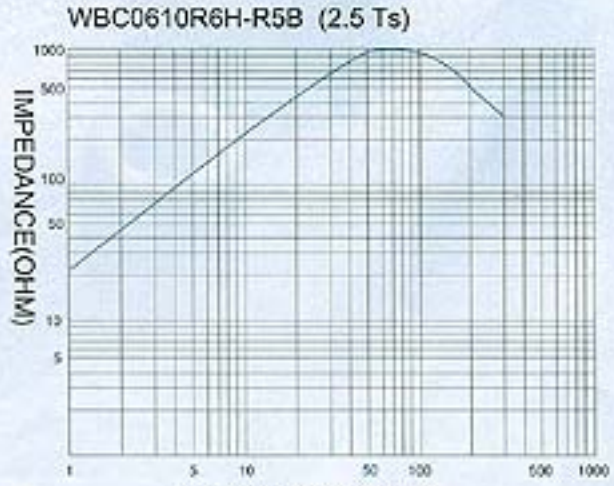

WBC0610R6H-R78 (2.5 Ts)



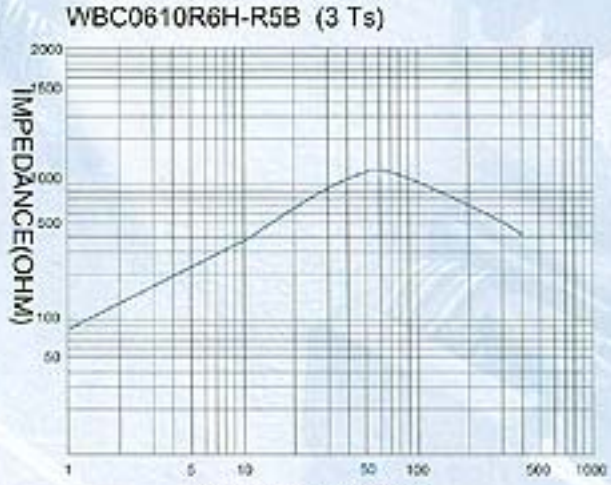

WBC0610R6H-R78 (3 Ts)



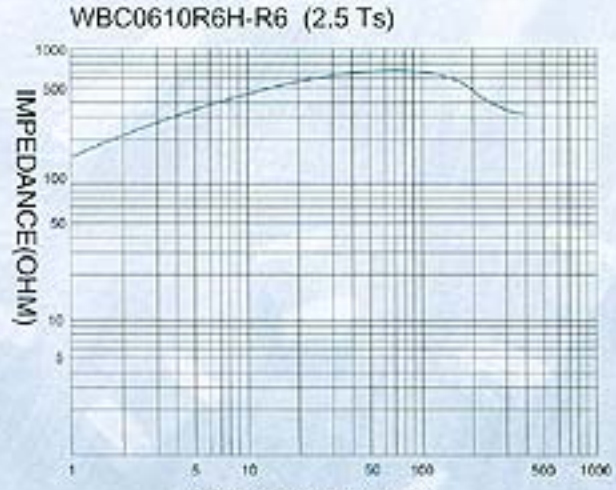

WBC0610R6H-R5B (2.5 Ts)



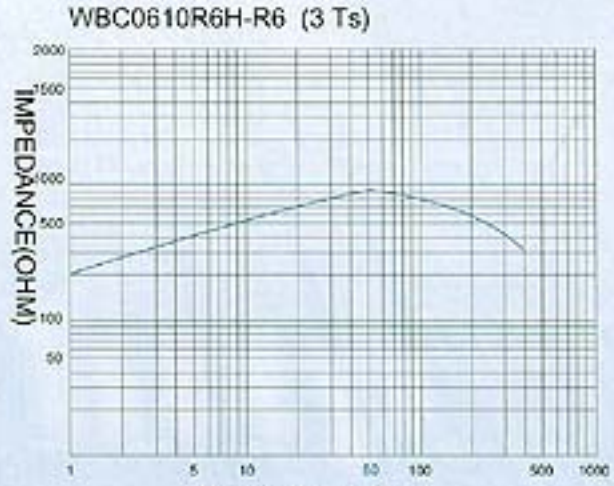

WBC0610R6H-R5B (3 Ts)



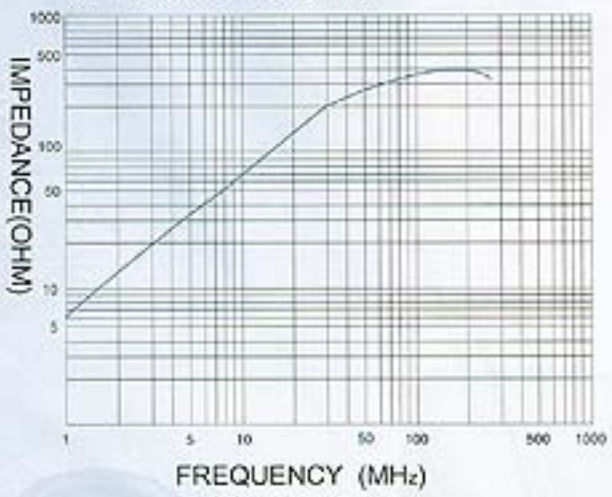

WBC0610R6H-R6 (2.5 Ts)



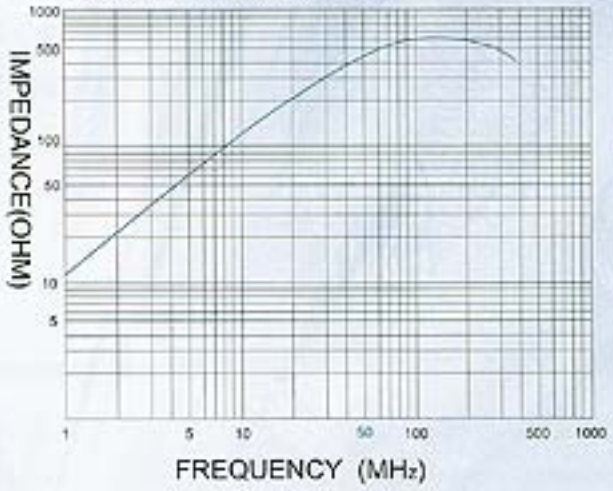

WBC0610R6H-R6 (3 Ts)



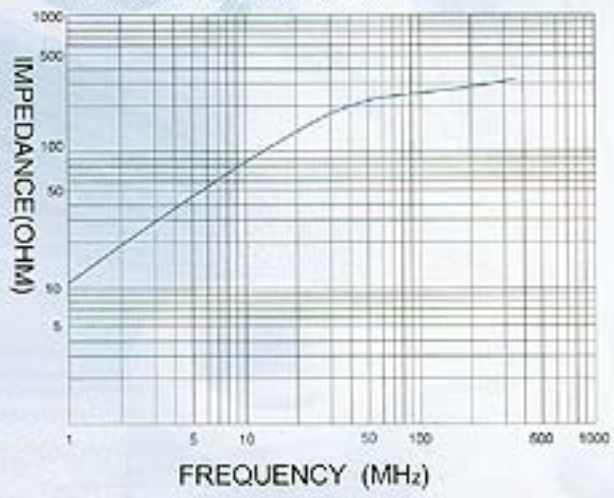
WBC0610R6H-R8 (1 Ts)



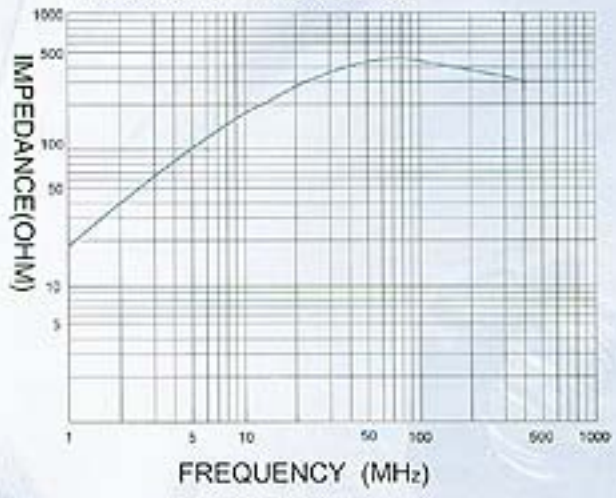

WBC0610R6H-R8 (1.5 Ts)



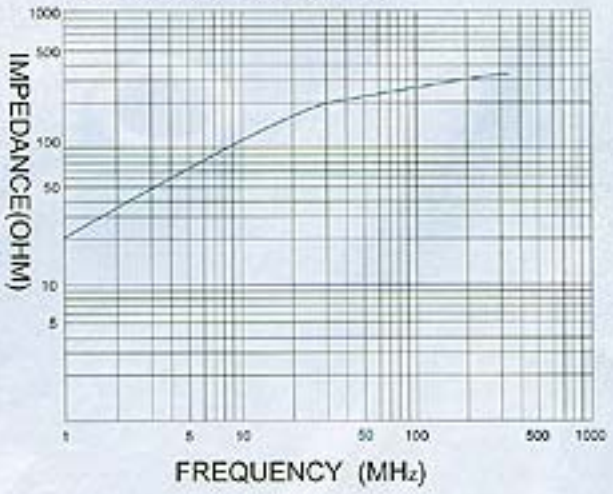

WBC0610R6H-R78 (1 Ts)



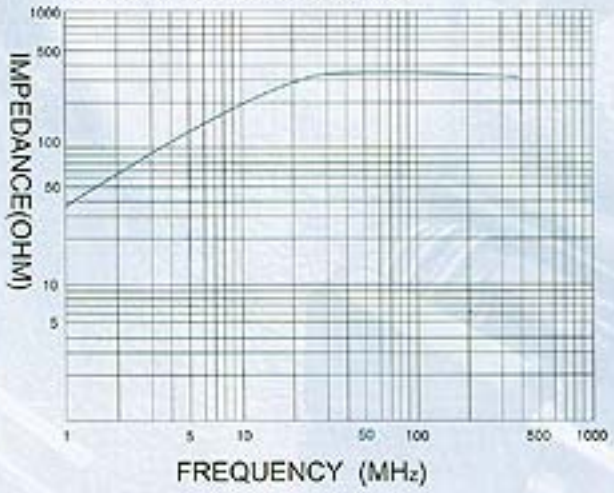

WBC0610R6H-R78 (1.5 Ts)



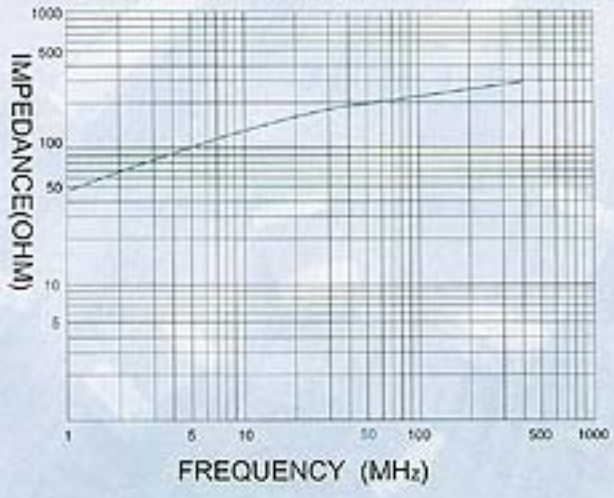

WBC0610R6H-R5B (1 Ts)



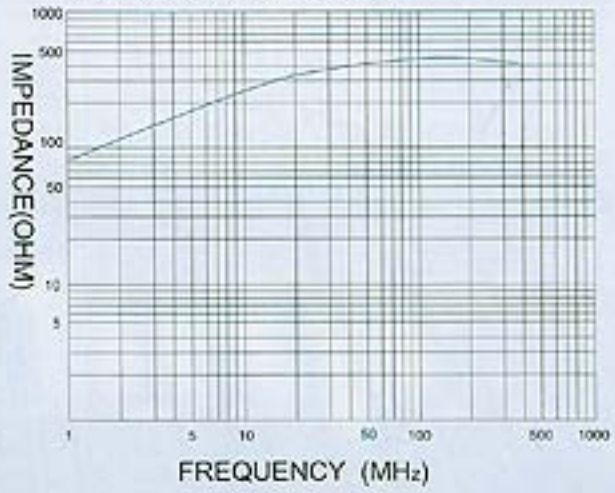

WBC0610R6H-R5B (1.5 Ts)



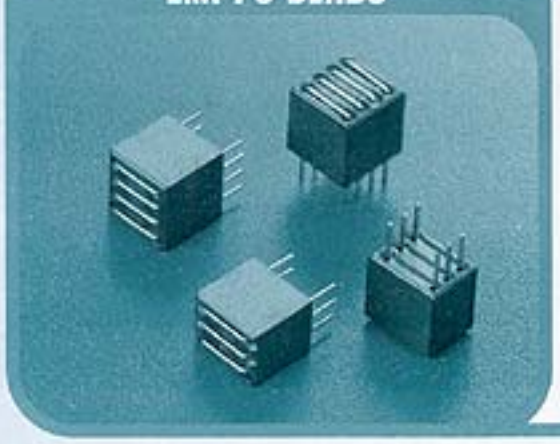

WBC0610R6H-R6 (1 Ts)




WBC0610R6H-R6 (1.5 Ts)



## EMI PC BEADS



Multiple single turn printed circuit beads or multi-turn printed circuit beads are available in R5-material. These through-hole parts are supplied in two wire lengths.

## 1. Ordering Code

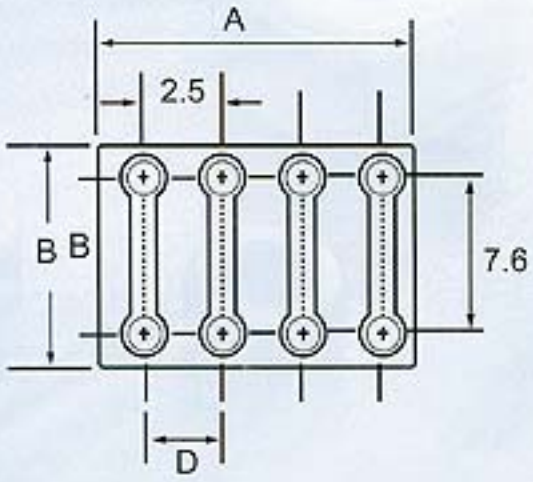
R5 08 10 F6H – R5

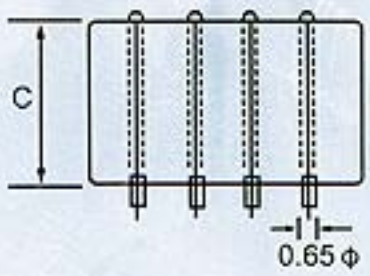
- R5 — Product Symbol
- 08 — Core OD
- 10 — Core Length
- F6H — Core Type
- R5 — Core Material

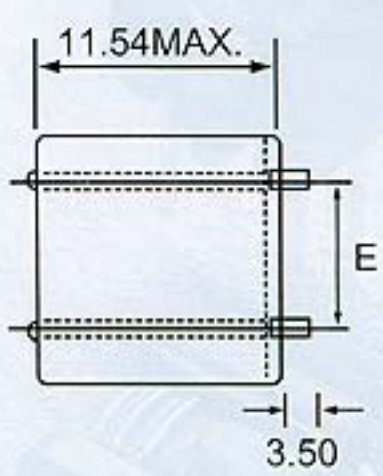
## 2. Material

**R5**

## 3. Shape




## 4. Dimensions (m/m)

| PART NO. | LINE | A | B | C | D | E | Z | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | 25MHZ | 10MHZ |
| PC0810F6H-R5 | 3 | 8.34±0.25 | 10.88±0.25 | 10.15±0.25 | 2.54±0.1 | 7.62±0.1 | 175 | 270 |
| PC1010F8H-R5 | 4 | 10.88±0.25 | 10.88±0.25 | 10.15±0.25 | 2.54±0.1 | 7.62±0.1 | 175 | 270 |
| PC1310F10H-R5 | 5 | 13.42±0.25 | 10.88±0.25 | 10.15±0.25 | 2.54±0.1 | 7.62±0.1 | 175 | 270 |

## EMI PC BEADS

Multiple single turn printed circuit beads or multi-turn printed circuit beads are available in R5-material. These through-hole parts are supplied in two wire lengths.

## 1. Ordering Code

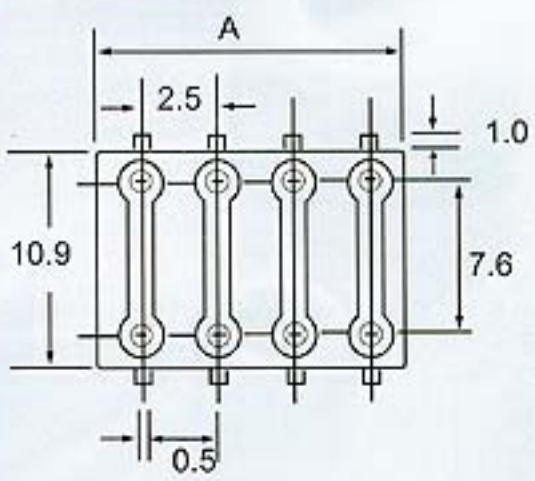
PC 08 10 R6H – R5- #□

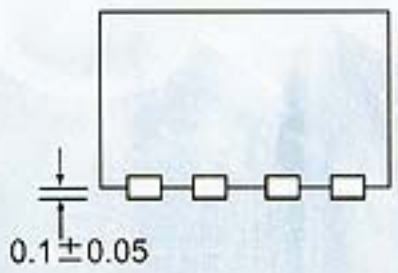
- PC — Product Symbol
- 08 — Core OD
- 10 — Core Length
- R6H — Core Type
- R5- #□ — Core Material

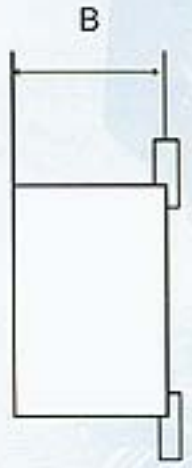
## 2. Material

**R5**

## 3. Shape




## 4. Dimensions (m/m)

| PART NO. | LINE | A | B m/m IMPEDANCE 100MHz (Ω) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | #1 | #2 | #3 | #4 | #5 | #6 |
| | | | 3.81 | 5.08 | 6.35 | 7.62 | 8.09 | 10.16 |
| PC0810F6H-R5-# □ | 3 | 8.34 | 100 | 140 | 180 | 220 | N/A | N/A |
| PC1010F8H-R5-# □ | 4 | 10.88 | 100 | 140 | 180 | 220 | 260 | N/A |
| PC1310F10H-R5-# □ | 5 | 13.42 | 100 | 140 | 180 | 220 | 260 | 300 |

## SURFACE MOUNT BEADS/FB TYPE

Surface mount beads and common-mode surface mount beads are available from QUEEN CORE in several sizes. Their rugged construction decreases dc resistance and increases current carrying capacity compared with plated beads.

The Common-Mode surface mount bead provides a common path for the magnetic flux generated by the current to the return current from the load. The current compensation results in zero magnetic flux in the core.

## 1. Ordering Code

FB 42 32 26 □ – R78 –

- Material
- Packaging Style, B:Bulk; T: Tape And Reel
- C Dim
- B Dim
- A Dim
- Product Symbol

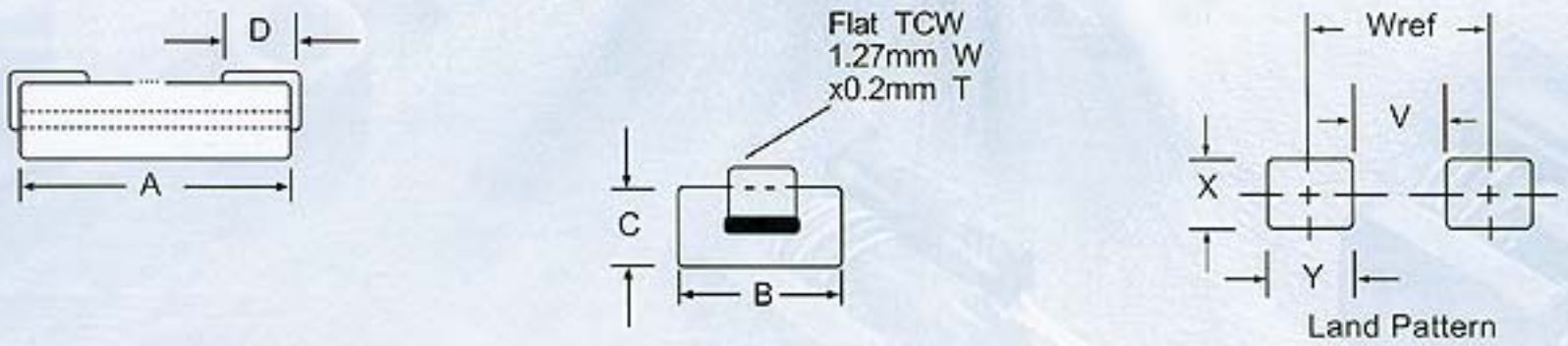
## 2. Material

R78

## 3. Number of packages

| Type | FB423226 | FB863226 | FB425626 | FB865626 | FB604516 |
|---|---|---|---|---|---|
| Pcs./reel | 500 | 500 | 500 | 500 | 500 |

Figure 1




## Dimensions (m/m)

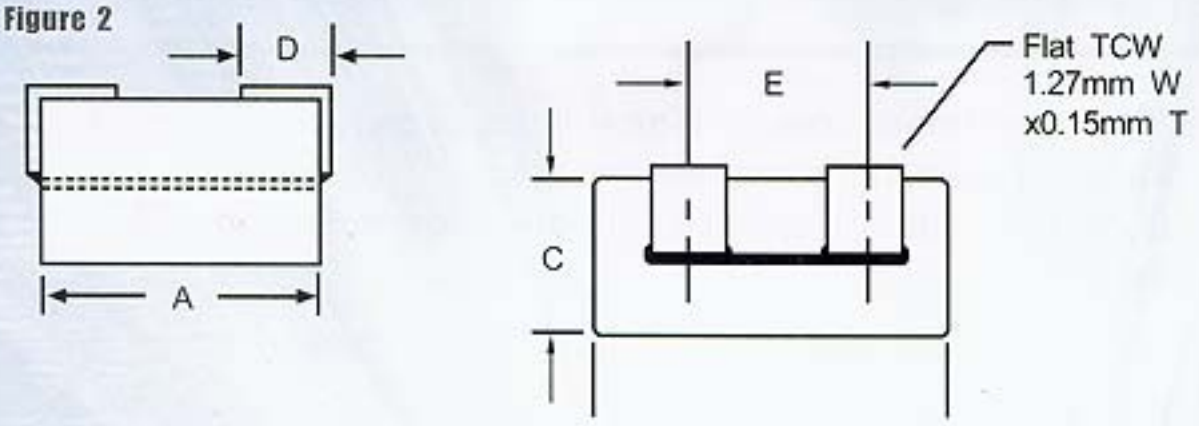
Impedance(Ω)

| PART Number | A | B | C | D | 25MHz Min. | 100MHz±20% | Rdc Max. |
|---|---|---|---|---|---|---|---|
| FB423226T-R78 | 4.0±0.25 | 3.0±0.15 | 2.55±0.15 | 1.5±0.5 | 20 | 35 | 0.6 |
| FB863226T-R78 | 8.5±0.30 | 3.0±0.15 | 2.55±0.15 | 1.5±0.5 | 45 | 85 | 0.9 |

## Land Pattern Dimensions

| PART Number | V | Wref | X | Y |
|---|---|---|---|---|
| FB423226T-R78 | 1.9 | 4.9 | 3.0 | 3.0 |
| FB863226T-R78 | 6.4 | 9.4 | 3.0 | 3.0 |

Figure 2



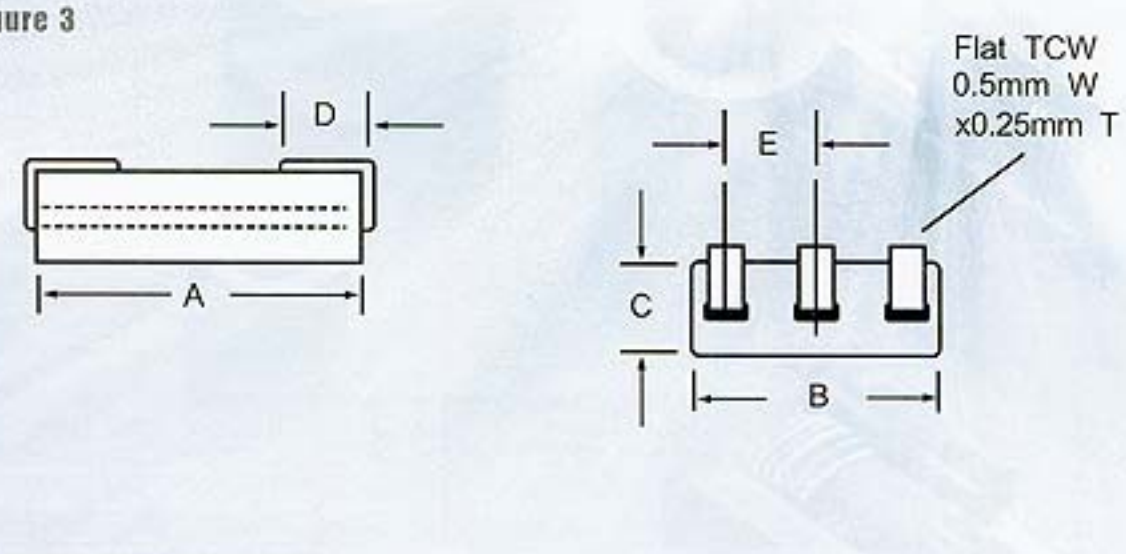

## Dimensions (m/m)

| PART Number | A | B | C | D | E | 25MHz Min. | 100MHz ±20% | Rdc Max. |
|---|---|---|---|---|---|---|---|---|
| FB425626T-R78 | 4.0±0.25 | 5.6±0.2 | 2.5±0.2 | 1.35±0.3 | 2.54±0.1 | 20 | 40 | 0.8 |
| FB865626T-R78 | 8.0±0.30 | 5.6±0.2 | 2.5±0.2 | 1.35±0.3 | 2.54±0.1 | 40 | 85 | 1.2 |

## Land Pattern Dimensions

| PART Number | V | Wref | X | Y | Z |
|---|---|---|---|---|---|
| FB425626T-R78 | 1.8 | 4.6 | 2.8 | 2.8 | 2.54 |
| FB865626T-R78 | 5.7 | 8.5 | 2.8 | 2.8 | 2.54 |

Figure 3




Land Pattern

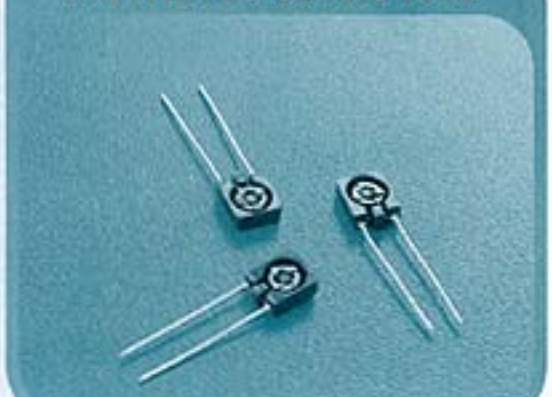
## Dimensions (m/m)

| PART Number | A | B | C | D | E | 25MHz Min. | 100MHz ±20% | Rdc Max. |
|---|---|---|---|---|---|---|---|---|
| FB604516T-R78 | 5.4±0.25 | 4.5±0.25 | 1.3Max | 1.4±0.4 | 1.27±0.05 | 20 | 50 | 1.4 |

## Land Pattern Dimensions

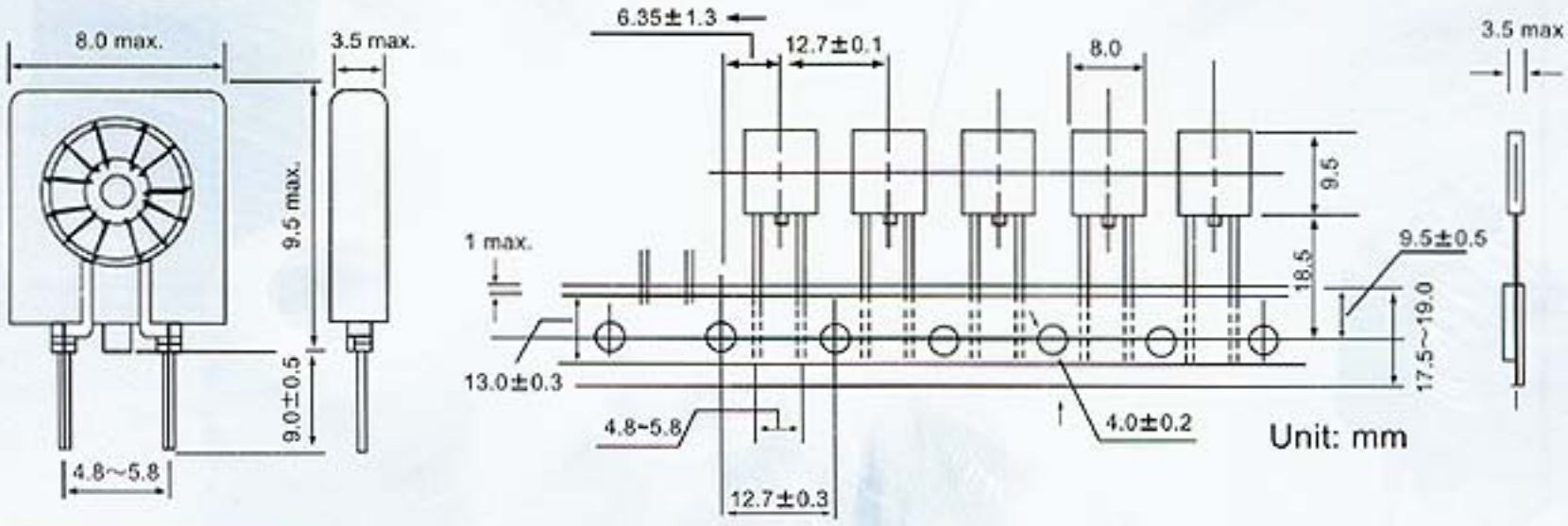
| PART Number | V | Wref | X | Y | Z |
|---|---|---|---|---|---|
| FB604516T-R78 | 3.2 | 5.3 | 1.9 | 2.1 | 1.27 |

## LINE FILTER / SB4515 TYPR



EMI countermeasures at signal lines of personal computers, microcomputers, peripheral devices, etc.
Countermeasures against common-mode noise at composite video signals

## 1. Tape Dimensions




## 2. Ordering Code

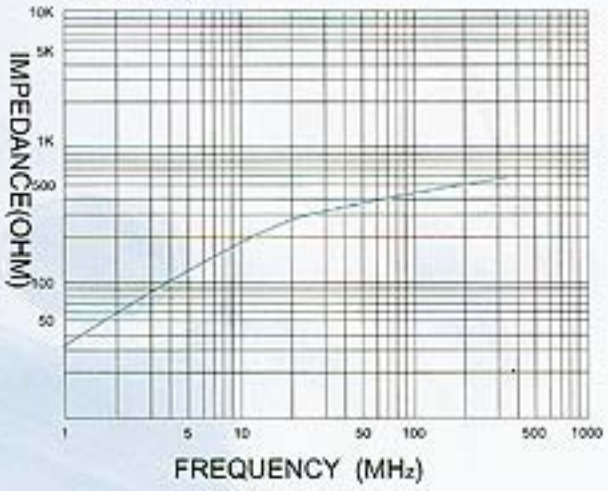
SB4515 — 600

- 600 — Model
- SB4515 — Product Symbol

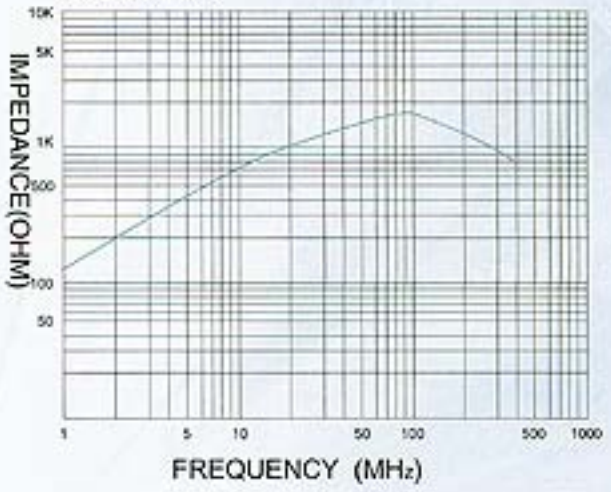
## 3.Model

| MODEL | | 8R2 | 100 | 400 | 600 |
|---|---|---|---|---|---|
| RATED VOLTAGE (V) | | 50 | 50 | 50 | 50 |
| RATED CURRENT (mA) | | 200 | 500 | 500 | 500 |
| IMPEDANCE (Ω) | 25MHz Min | 220 | 290 | 900 | 1250 |
| | 100MHz ±25% | 445 | 560 | 1700 | 2000 |
| DC RESISTANCE (mΩ) | | ≤25 | ≤25 | ≤50 | ≤85 |
| INSULITION VOLTAGE .VDC | | 200 | 200 | 200 | 200 |
| MIN. INSULATION.. RESISTANCE (mΩ) | | 10 | 10 | 10 | 10 |
| PACKAGING | | 2000Pcs Tape Box | 2000Pcs Tape Box | 2000Pcs Tape Box | 2000Pcs Tape Box |

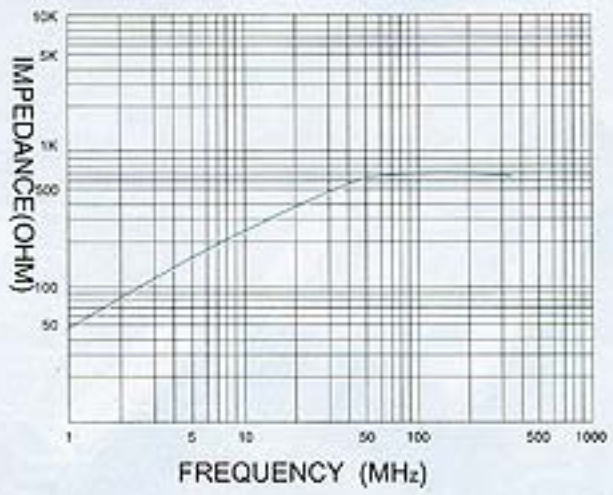
SB4515-8R2



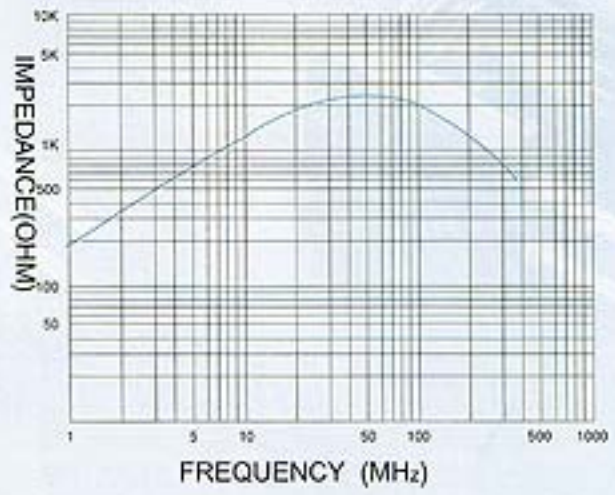

SB4515-400



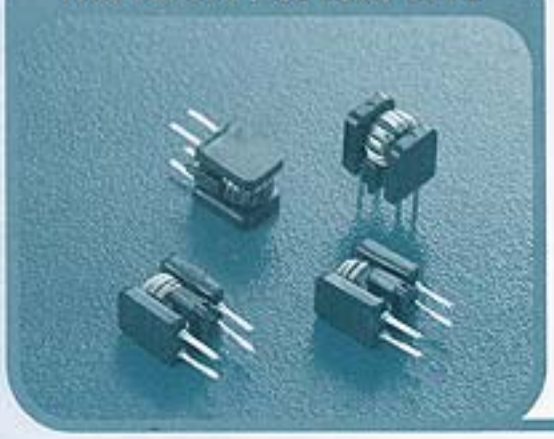

SB4515-100




SB4515-600

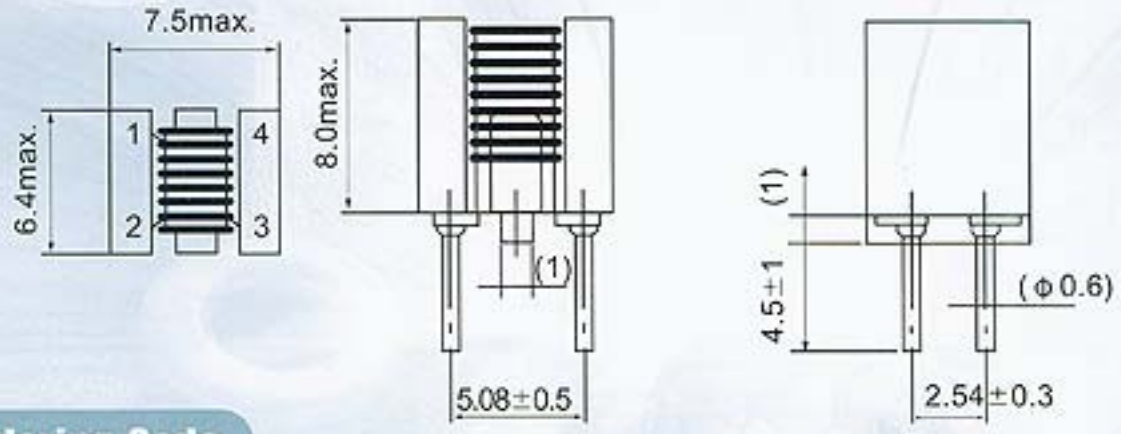


## LINE FIL TER / SB4525 TYPE

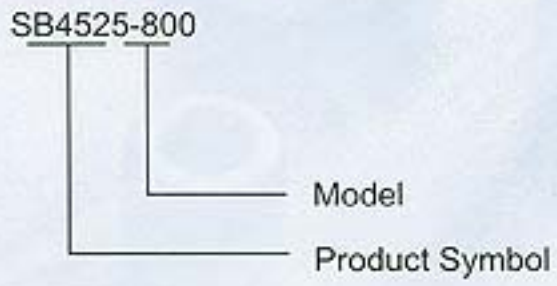


EMI countermeasures at signal lines of personal computers,micro-computers, peripheral devices, etc.
Countermeasures against common-mode noise at composite video signals

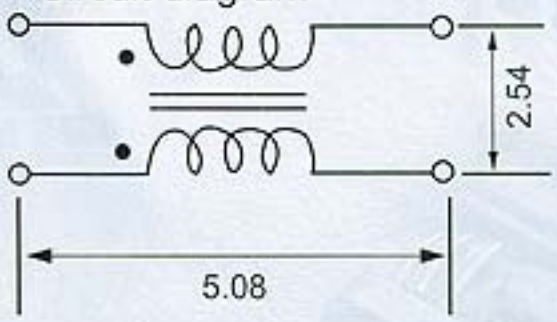
## 1. Tape Dimensions




## 2. Ordering Code



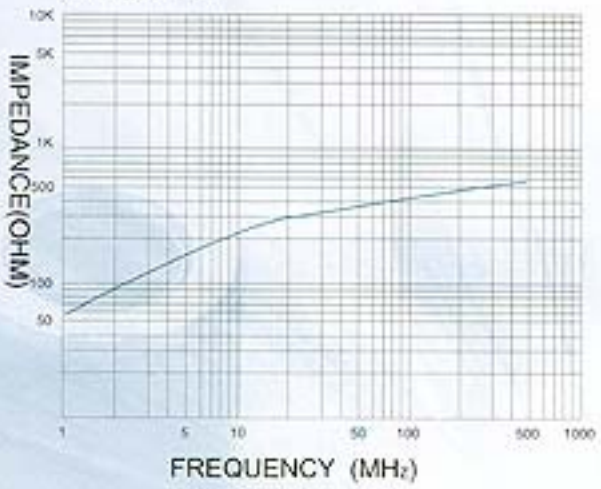

Circuit diagram



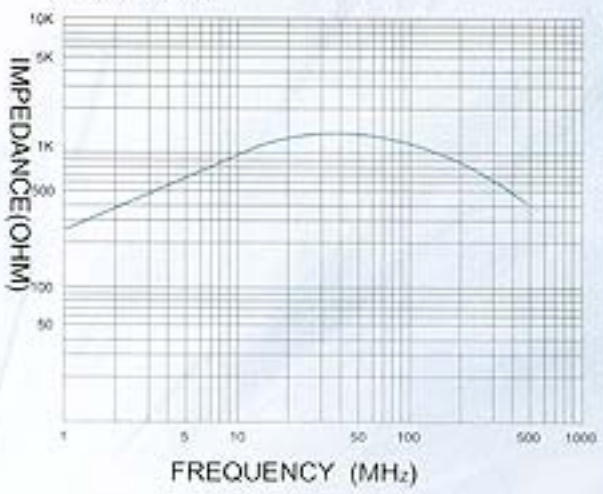

## 3.Model

| MODEL | | 150 | 400 | 600 | 800 |
|---|---|---|---|---|---|
| RATED VOLTAGE (V) | | 50 | 50 | 50 | 50 |
| RATED CURRENT (mA) | | 200 | 500 | 500 | 500 |
| IMPEDANCE (?) | 25MHz Min | 100 | 600 | 840 | 1300 |
| | 100MHz ±25% | 400 | 750 | 900 | 1000 |
| DC RESISTANCE (mΩ) | | 35 | 35 | 50 | 60 |
| MIN. INSULATION★★ RESISTANCE (mΩ) | | 10 | 10 | 10 | 10 |

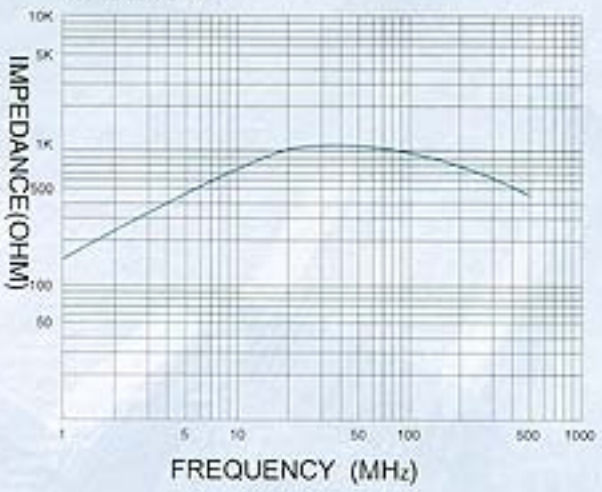
SB4525-150



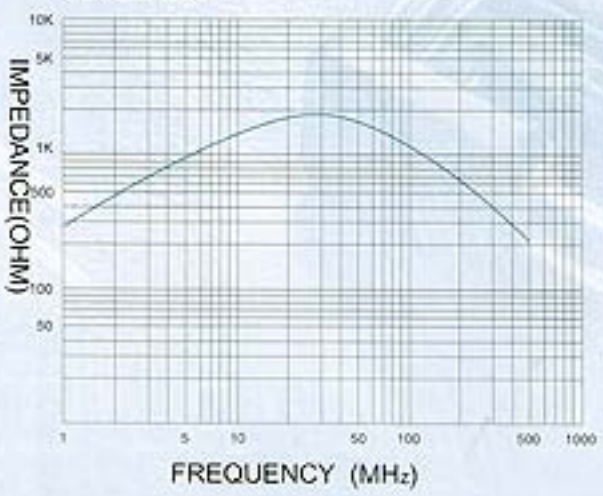

SB4525-600




SB4525-400



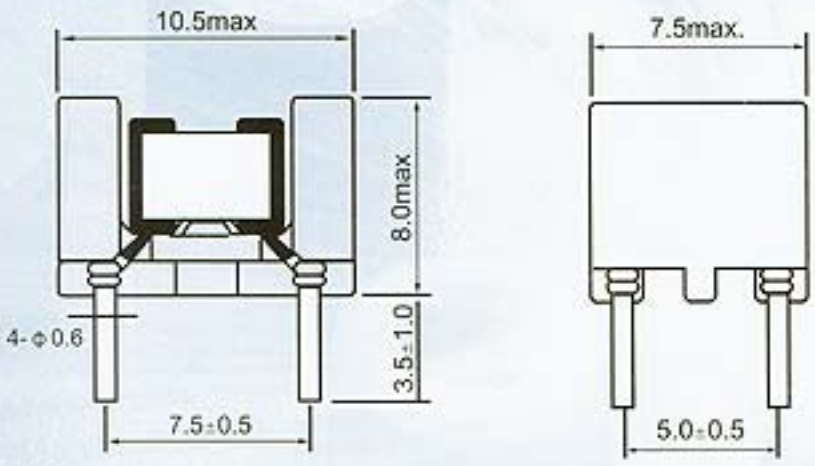

SB4525-800



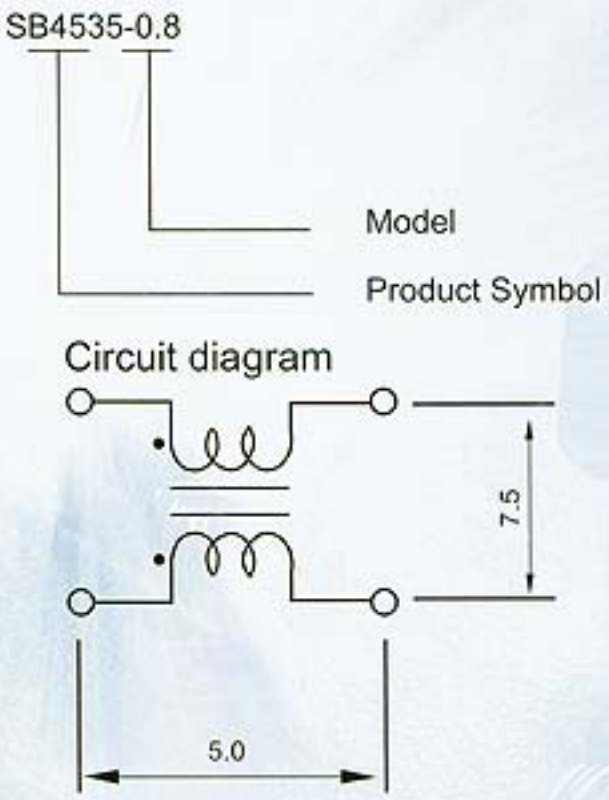
## LINE FIL TER / SB4535 TYPE

EMI countermeasures at signal lines of personal computers, microcomputers, peripheral devices, etc.
Countermeasures against common-mode noise at composite video signals

## 1. Shape




## 2. Ordering Code

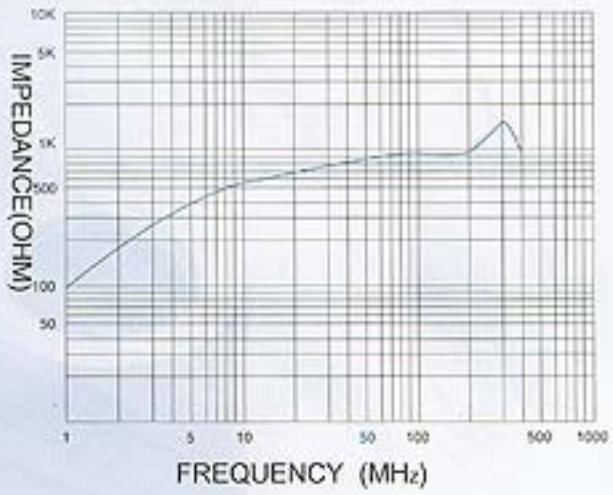



## 3.Model

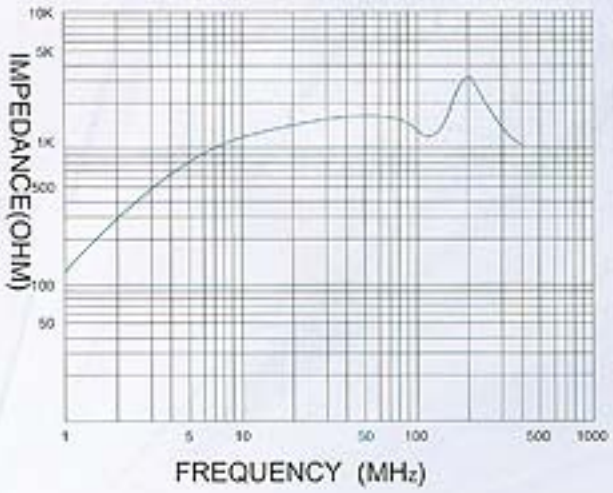
| MODEL | | 08 | 10 | 15 |
|---|---|---|---|---|
| RATED VOLTAGE (V) | | 50 | 50 | 50 |
| RATED CURRENT (mA) | | 3.0 | 2.5 | 2.0 |
| IMPEDANCE (Ω) | 25MHz Min | 620 | 860 | 1200 |
| | 100MHz ±25% | 930 | 1200 | 1300 |
| DC RESISTANCE (mΩ) | | 20 | 30 | 45 |
| MIN. INSULATION★★ RESISTANCE (mΩ) | | 10 | 10 | 10 |

★★ INSURING CURRENT FOR INDUCTANCE

SB4535-08




SB4535-15




SB4535-10