BROADBAND EMI SUPPRESSION CORE
BC-MS203 SERIES

Applicatons:

- NiZn Ferrite
- Broadband Frequency choking (20-300Mhz)
- High Frequency Common Mode Chokes
- Flat/round Cable EMI suppression cores

Electrical Characteristics

Frequency	Typical Impedance (Ohm)
10Mhz	100
25Mhz	170
100Mhz	235
250Mhz	240

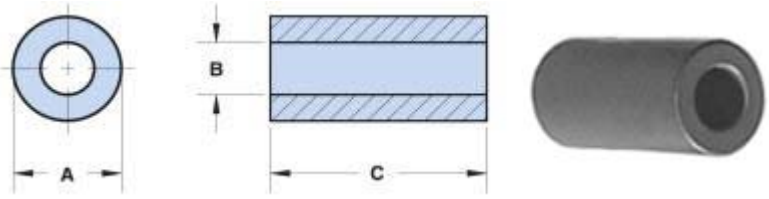
Ferrite Material Constants

Specific Heat	0.25 cal/g/°C
Thermal Conductivity	0.01 cal/sec/cm/°C
Coe. Of Linear Expension	$8x10^{-6}$ - $10x10^{-6}$ /°C
Tensile Strength	4.9 kgf/mm^2
Compressive Strength	$42kgf/mm^2$
Young's Modulus	15000 kgf/mm^2
Hardness (knoop)	650
Specific Gravity	~$4.7g/cm^3$

Ferrite Material Characteristics

Initial Permeability @ B< 10 gauss	800
Flux Density B@ H = 10 oersted	2900 Gauss
Residual Flux Density	1300 Gauss
Coercive Force	0.45 oersted
Loss Factor@ 1.0 Mhz	$250x10^{-6}$
Temp Coefficient of Initial Permeability (20-70 °C)	1.25 %/°C
Curie Temperature	> 130 °C
Resistivity	$1x10^5$ Ohm* cm

SHAPE and DIMENSIONS (Unit: mm)



Dimension	Unit(mm)
A	12.5 ± 0.50
B	5.00 ± 0.50
C	25.0 ± 0.50

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