

Low Frequency EMI Suppression Core BC-LS202 SERIES

Applicatons:

- MnZn Ferrite
- Lower Frequency choking (1-300Mhz)
- Lower Frequency Common Mode Chokes
- Round Cable EMI suppression cores

Electrical Characteristics

Frequency	Typical Impedance (Ohm)
1 Mhz	14
5 Mhz	45
10Mhz	60
25Mhz	100
100Mhz	180
250Mhz	210

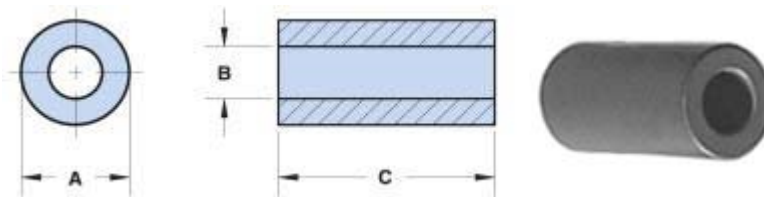
Ferrite Material Constants

Specific Heat	0.25 cal/g/°C
Thermal Conductivity	0.01 cal/sec/cm/°C
Coe. Of Linear Expansion	8×10^{-6} - 10×10^{-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	1500
Flux Density B@ H = 5 oersted	3400 Gauss
Residual Flux Density	2400 Gauss
Coercive Force	0.35 oersted
Loss Factor@ 0.1 Mhz	20×10^{-6}
Temp Coefficient of Initial Permeability (20-70 °C)	1.6 %/°C
Curie Temperature	> 130 °C
Resistivity	3×10^5 Ohm* cm

SHAPE and DIMENSIONS (Unit: mm)



Dimension	Unit(mm)
A	11 ± 0.50
B	5.10 ± 0.50
C	25.00 ± 0.50