Low Frequency EMI Suppression Core
BC-LS201 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	10
5 Mhz	40
10Mhz	60
25Mhz	90
100Mhz	160
250Mhz	180

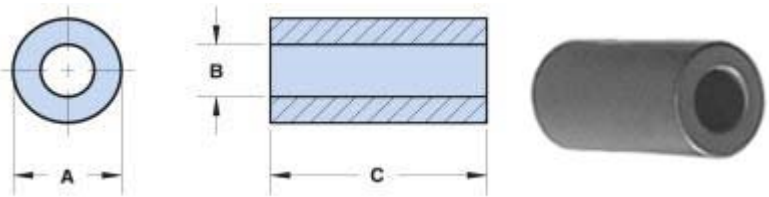
Ferrite Material Constants

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	1500
Flux Density B@ H = 5 oersted	3400 Gauss
Residual Flux Density	2400 Gauss
Coercive Force	0.35 oersted
Loss Factor@ 0.1 Mhz	$20x10^{-6}$
Temp Coefficient of Initial Permeability (20-70 °C)	1.6 %/°C
Curie Temperature	> 130 °C
Resistivity	$3x10^5$ Ohm* cm

SHAPE and DIMENSIONS (Unit: mm)



Dimension	Unit(mm)
A	10 ± 0.50
B	4.30 ± 0.50
C	23.20 ± 0.50

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