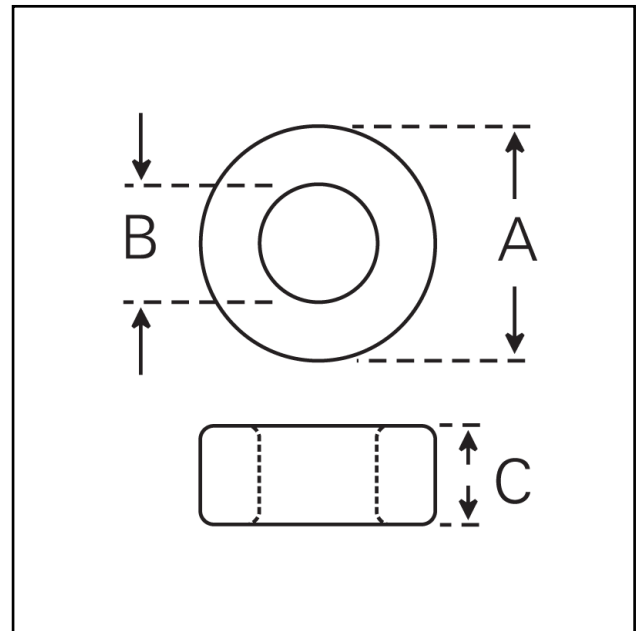


Dimensions

Symbol	Value (mm)	±
'A'	6.35	0.19
'B'	3.18	0.16
'C'	7.92	0.31

Effective Geometric Parameters

Parameter	Symbol	Value	Unit
$\Sigma(l/A)$	C_1	1.147	mm ⁻¹
effective magnetic path length	l_e	13.84	mm
effective area of magnetic path	A_e	12.065	mm ²
effective volume	V_e	166.97	mm ³

Electrical Specification

Grade	A_L	Tolerance on A_L (%)	Coating	μ_i	Part No.
F14	242	+30/-20	No Coating	≈220	28-003-31
F14	242	+30/-20	Enamel	≈220	28-503-31
F7	1980	min	Enamel	≈1800	28-503-27

Please note all dimensions are nominal and given for uncoated cores.

Coating Characteristics

Dielectric breakdown strength and approximate thickness per surface for coated cores is as follows:

Epoxy 1000V dc for cores up to 10mm outside diameter
 1500V dc for cores >10mm and ≤20mm outside diameter
 2000V dc for cores >20mm outside diameter
 Coating thickness is approximately 0.25mm

Enamel Cores are coated for identification purposes only.
 They can be either fully or partially coated and no breakdown strength can be guaranteed.
 Coating thickness is approximately 0.25mm