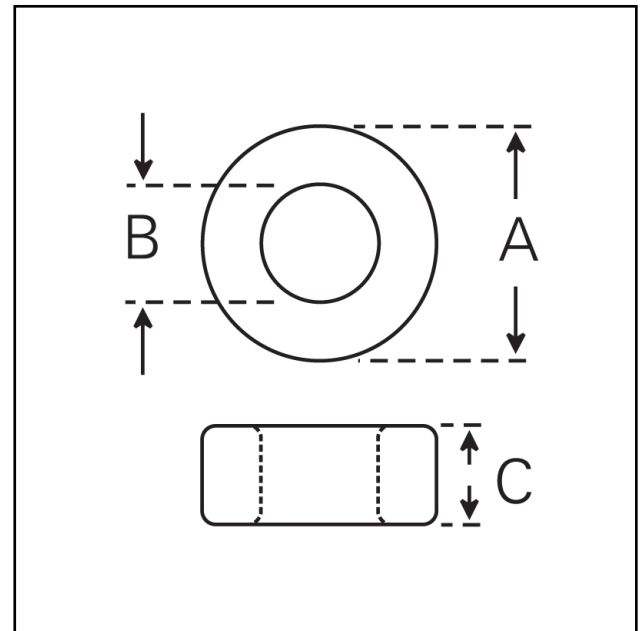


Dimensions

Symbol	Value (mm)	±
'A'	31.50	1.00
'B'	19.60	0.60
'C'	12.50	1.25

Effective Geometric Parameters

Parameter	Symbol	Value	Unit
$\Sigma(\ell/A)$	C_1	1.06	mm^{-1}
effective magnetic path length	ℓ_e	77.30	mm
effective area of magnetic path	A_e	73.00	mm^2
effective volume	V_e	5645	mm^3

Electrical Specification

Grade	A_L	Tolerance on A_L (%)	Coating	μ_i	Part No.
F9C	6000	+30/-20	Epoxy	≈ 5000	28-756-C36
F39	10200	± 30	Epoxy	≈ 1000	28-756-39

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 ≤ 20 mm 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