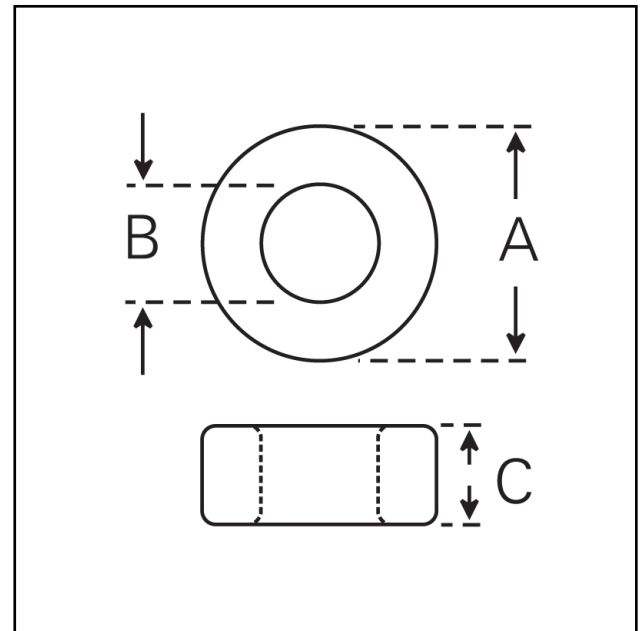


Dimensions

Symbol	Value (mm)	±
'A'	38.10	1.52
'B'	25.40	1.02
'C'	19.05	0.572

Effective Geometric Parameters

Parameter	Symbol	Value	Unit
$\Sigma(\ell/A)$	C_1	0.813	mm ⁻¹
effective magnetic path length	ℓ_e	97.06	mm
effective area of magnetic path	A_e	119.32	mm ²
effective volume	V_e	11582	mm ³

Electrical Specification

Grade	A_L	Tolerance on A_L (%)	Coating	μ_i	Part No.
F14	341	+30/-20	No Coating	≈220	28-043-31
F8	1860	min	Enamel	1200 min	28-543-28
F9	6830	+30/-20	Epoxy	≈4400	28-743-36
F39	15500	+30/-20	Epoxy	≈10000	28-743-39

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 ≤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