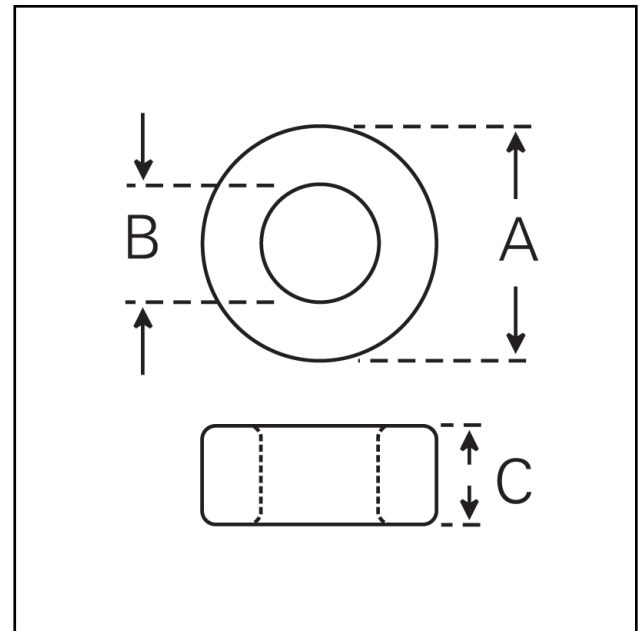


Dimensions

Symbol	Value (mm)	±
'A'	38.10	1.50
'B'	19.60	0.588
'C'	12.70	0.381

Effective Geometric Parameters

Parameter	Symbol	Value	Unit
$\Sigma(l/A)$	C_1	0.744	mm^{-1}
effective magnetic path length	l_e	84.29	mm
effective area of magnetic path	A_e	113.24	mm^2
effective volume	V_e	9545	mm^3

Electrical Specification

Grade	A_L	Tolerance on A_L (%)	Coating	μ_i	Part No.
F19	1688	±30	No Coating	≈1000	28-096-38

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 a 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