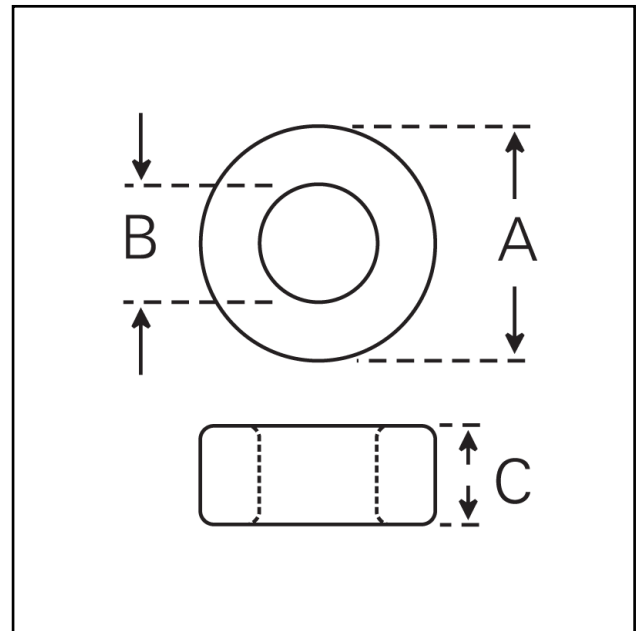


Dimensions

Symbol	Value (mm)	±
'A'	6.35	0.19
'B'	3.18	0.16
'C'	3.96	0.25

Effective Geometric Parameters

Parameter	Symbol	Value	Unit
$\Sigma(\ell/A)$	C_1	2.294	mm^{-1}
effective magnetic path length	ℓ_e	13.84	mm
effective area of magnetic path	A_e	6.032	mm^2
effective volume	V_e	83.49	mm^3

Electrical Specification

Grade	A_L	Tolerance on A_L (%)	Coating	μ_i	Part No.
F29*	6.6	+30/-20	Enamel	≈12	28-502-35
F25*	27.4	+30/-20	No Coating	≈50	28-002-34
F14	120	+30/-20	Epoxy	≈220	28-702-31
F8	658	min	Enamel	1200 min	28-502-28
F7	1240	+30/-20	Enamel	≈1800	28-502-27

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

* Please note that these are permivar ferrites and should not be used in power or pulse applications or exposed to strong magnetic fields.