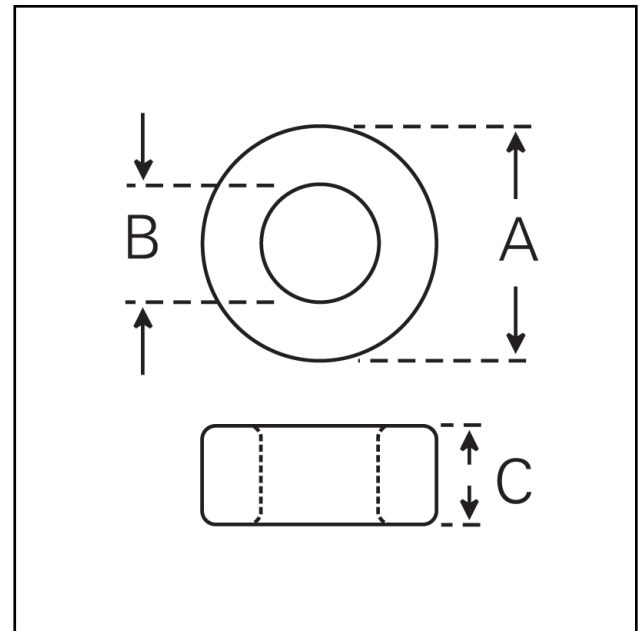


Dimensions

Symbol	Value (mm)	±
'A'	22.10	+1.28
'B'	13.70	+0.74
'C'	6.35	0.18

Effective Geometric Parameters

Parameter	Symbol	Value	Unit
$\Sigma(\ell/A)$	$C_1$	2.07	$\text{mm}^{-1}$
effective magnetic path length	$\ell_e$	54.19	mm
effective area of magnetic path	$A_e$	26.10	$\text{mm}^2$
effective volume	$V_e$	1414	$\text{mm}^3$

Electrical Specification

Grade	$A_L$	Tolerance on $A_L$ (%)	Coating	$\mu_i$	Part No.
F5A	1518	+30/-20	No Coating	≈2500	28-082-S49

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