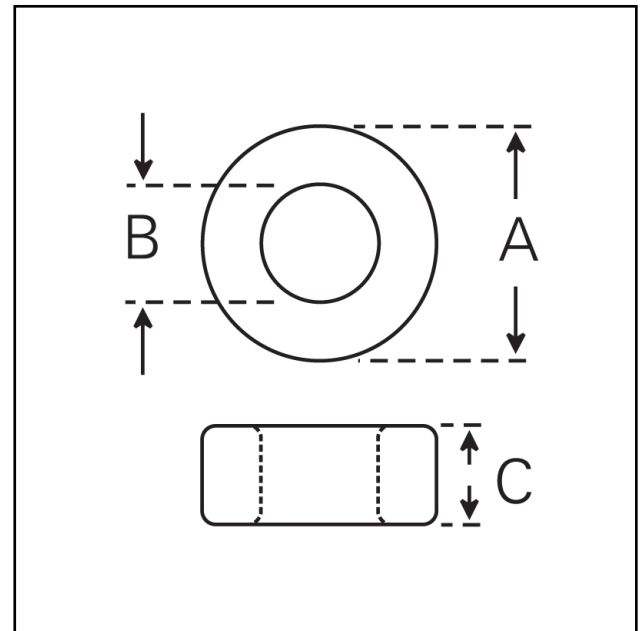


Dimensions

Symbol	Value (mm)	±
'A'	22.10	0.40
'B'	13.70	0.30
'C'	12.70	0.25

Effective Geometric Parameters

Parameter	Symbol	Value	Unit
$\Sigma(\ell/A)$	$C_1$	1.04	$\text{mm}^{-1}$
effective magnetic path length	$\ell_e$	54.15	mm
effective area of magnetic path	$A_e$	52.33	$\text{mm}^2$
effective volume	$V_e$	2833	$\text{mm}^3$

Electrical Specification

Grade	$A_L$	Tolerance on $A_L$ (%)	Coating	$\mu_i$	Part No.
F19	1199	+30/-25	Epoxy	$\approx 1000$	28-795-38
F19	1199	+30/-20	No Coating	$\approx 1000$	28-095-38
F9C	5997	+30/-20	Epoxy	$\approx 5000$	28-795-C36

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  $\leq 20$ 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