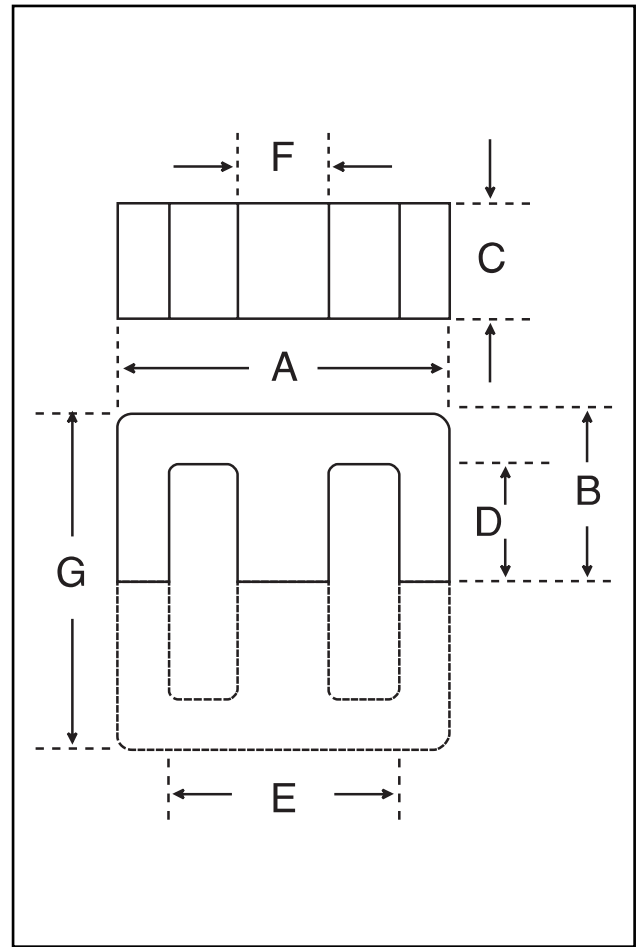


**Dimensions**

Symbol	Value (mm)
'A'	54.10-56.20
'B'	27.20-27.80
'C'	20.40-21.00
'D'	18.50-19.10
'E'	37.50-38.70
'F'	16.70-17.20
'G'	54.40-55.60



**Effective Geometric Parameters**

Parameter	Symbol	Value	Unit
$\Sigma(l/A)$	$C_1$	0.35	$\text{mm}^{-1}$
effective magnetic path length	$l_e$	123.00	mm
effective area of magnetic path	$A_e$	355.00	$\text{mm}^2$
minimum area of magnetic path	$A_{\text{min}}$	350.00	$\text{mm}^2$
effective volume	$V_e$	43700	$\text{mm}^3$

**Electrical Specification**

Grade	$A_L$ Value	Tolerance on $A_L$ (%)	Gap Length (mm)	Eff. Permeability	Part No.
F48	$\approx 250$	-	$2.50 \pm 0.05$	70	32-151-48
F44	5570	+30/-20	-	1550	32-150-44

Parameter	Symbol	Freq. kHz	Flux Density	Component	
				32-150-44	32-151-48
Effective total core loss (W) (maximum)	$P_v$	16	200mT	-	-
		25	200mT	5.680	-
		100	100mT	6.990	3.059
		100	200mT	-	16.606

