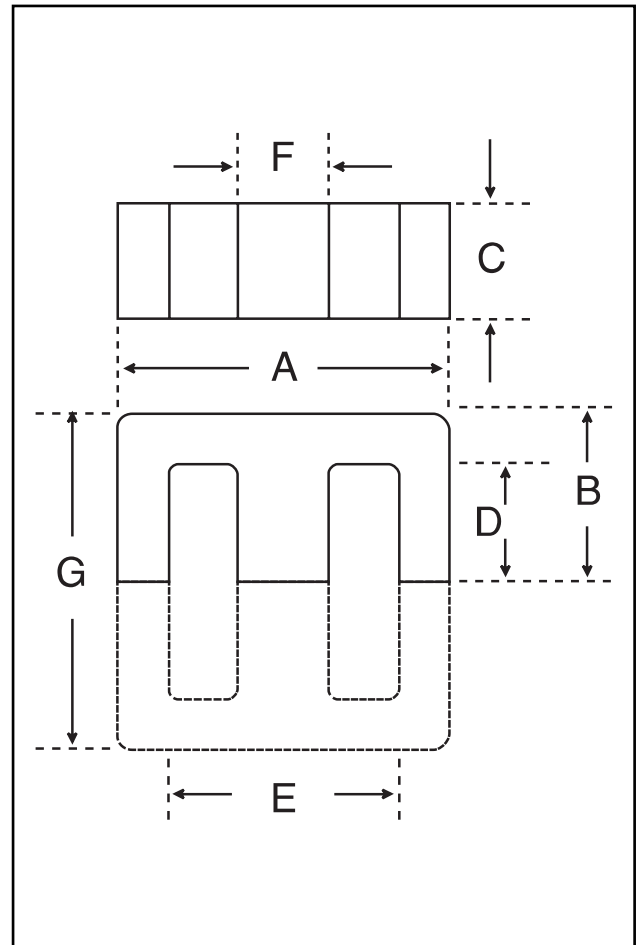


Dimensions

Symbol	Value (mm)
'A'	41.30-43.00
'B'	20.80-21.20
'C'	14.70-15.20
'D'	14.80-15.40
'E'	29.50-30.70
'F'	11.70-12.20
'G'	41.60-42.40

Effective Geometric Parameters

Parameter	Symbol	Value	Unit
$\Sigma(l/A)$	$C_1$	0.54	$\text{mm}^{-1}$
effective magnetic path length	$l_e$	97.00	mm
effective area of magnetic path	$A_e$	181.00	$\text{mm}^2$
minimum area of magnetic path	$A_{\min}$	175.00	$\text{mm}^2$
effective volume	$V_e$	17600	$\text{mm}^3$



Electrical Specification

Grade	$A_L$ Value	Tolerance on $A_L$ (%)	Gap Length (mm)	Eff. Permeability	Part No.
F44	290	min	1.00 ±0.12	125	32-115-44
F44	3400	+30/-20	-	1470	32-110-44

Parameter	Symbol	Freq. kHz	Flux Density	Component
				32-110-44
Effective total core loss (W) (maximum)	$P_v$	16	200mT	-
		25	200mT	2.290
		100	100mT	2.820

