

EER Cores (9578283402)



Part Number: 9578283402

78 EER CORE SET

EER cores, similar to ETD cores, have been designed to make optimum use of a given volume of ferrite material for maximum throughput power. The structure, which includes a round center post, approaches a nearly uniform cross-sectional area throughout the core and provides a winding area that minimizes winding losses.

EER cores can be supplied with the center post gapped to a mechanical dimension or an A₁ value.

Catalog Drawing 3D Model

Weight indicated is per pair or set.

Weight: 32 (g)

Dim	mm	mm tol	nominal inch	inch misc.	
А	28.5	± 0.60	1.122	_	⊫_B+ ⊨_C→
В	16.9	± 0.20	0.665		
С	11.4	± 0.30	0.449	_	
D	12.5	± 0.20	0.492		
Е	21.2	min	0.835	min	
F	9.9	± 0.30	0.39	_	

Chart Legend

 $\Sigma l/A$: Core Constant, l_e : Effective Path Length, A_e : Effective Cross- Sectional Area, V_e : Effective Core Volume

 A_{L} : Inductance Factor

Explanation of Part Numbers: Digits 1 & 2 = product class and 3 & 4 = material grade.

Electrical Properties		
A _L (nH)	$2600\pm\!\!25\%$	
$Ae(cm^2)$	0.852	
$\Sigma l / A(cm^{-1})$	8.7	
l _e (cm)	7.44	
$V_{e}(cm^{3})$	6.337	
$A_{min}(cm^2)$	0.77	

 A_{L} value is measured at 1 kHz, B < 10 gauss.