

EER Cores (9595354202)



Part Number: 9595354202

95 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 $A_{\!\scriptscriptstyle L} value.$

Weight indicated is per pair or set.

<u>Weight:</u> 46 (g)

Dim	mm	mm tol	nominal inch	inch misc.]		
А	35	± 0.65	1.378	_	ľ		r-c→
В	21	± 0.20	0.827	_	ΤÍ		
С	11.3	± 0.30	0.445	_			\bigcirc
D	15	± 0.20	0.591	_	<u>î</u>		
E	25.3	min	0.997	min			
F	11.3	± 0.30	0.445	_	<u> </u>		_

Chart Legend

 $\label{eq:lambda} \Sigma l/A \ : \ Core \ Constant, \quad l_{\rm e}: \ Effective \ Path \ Length, \quad A_{\rm e}: \ Effective \ Cross-Sectional \ Area, \quad V_{\rm e}: \ Effective \ Core \ Volume$

 A_L : Inductance Factor

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

Electrical Properties					
A _L (nH)	3200 ±25%				
Ae(cm ²)	1.11				
$\Sigma l/A(cm^{-1})$	8.2				
l _e (cm)	9.11				
$V_e(cm^3)$	10.14				

Electrical Properties						
$A_{min}(cm^2)$	1					

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

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