

Part Number: 9595495402

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.**

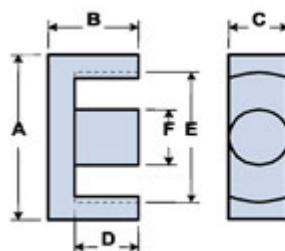
EER cores can be supplied with the center post gapped to a mechanical dimension or an  $A_L$  value.

[Catalog Drawing](#)  
[3D Model](#)

Weight indicated is per pair or set.

Weight: 158 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	49	$\pm 0.80$	1.929	—
B	27	$\pm 0.20$	1.063	—
C	17.2	$\pm 0.35$	0.677	—
D	18.7	$\pm 0.20$	0.736	—
E	36.5	min	1.438	min
F	17.2	$\pm 0.35$	0.677	—



## 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)	6500 $\pm 25\%$
$A_e$ (cm <sup>2</sup> )	2.45
$\Sigma l/A$ (cm <sup>-1</sup> )	4.8

Electrical Properties	
$l_e(\text{cm})$	11.8
$V_e(\text{cm}^3)$	29.02
$A_{\min}(\text{cm}^2)$	2.32

$A_L$  value is measured at 1 kHz,  $B < 10$  gauss.

Fair-Rite Products Corp. • One Commercial Row, Wallkill, New York 12589-0288  
888-324-7748 • 845-895-2055 • Fax: 845-895-2629 • [ferrites@fair-rite.com](mailto:ferrites@fair-rite.com) • [www.fair-rite.com](http://www.fair-rite.com)