

Part Number: 9598261802

98 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.**

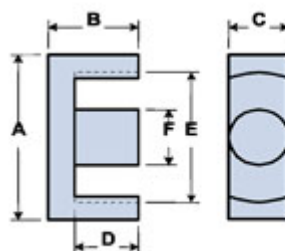
EER cores can be supplied with the center post gapped to a mechanical dimension or an  $A_L$  value.

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

Weight indicated is per pair or set.

Weight: 11.2 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	25.5	$\pm 0.50$	1.004	—
B	9.3	$\pm 0.15$	0.366	—
C	7.5	$\pm 0.25$	0.295	—
D	6.4	$\pm 0.15$	0.252	—
E	19.8	min	0.78	min
F	7.5	$\pm 0.25$	0.295	—



## 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)	1800 $\pm 25\%$
$A_e$ (cm <sup>2</sup> )	0.434
$\Sigma l/A$ (cm <sup>-1</sup> )	11.1

Electrical Properties	
$l_e(\text{cm})$	4.8
$V_e(\text{cm}^3)$	2.083
$A_{\min}(\text{cm}^2)$	0.425

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

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