

EER Cores (9578261802)



Part Number: 9578261802

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 A_L value.

Weight indicated is per pair or set.

Weight: 11.2 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	25.5	± 0.50	1.004	
B	9.3	± 0.15	0.366	
C	7.5	± 0.25	0.295	
D	6.4	± 0.15	0.252	
E	19.8	min	0.78	min
F	7.5	± 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 ±25%
A_e (cm ²)	0.434
$\Sigma l / A$ (cm ⁻¹)	11.1
l_e (cm)	4.8
V_e (cm ³)	2.083
A_{min} (cm ²)	0.425

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