Fair-Rite Products Corp.
Your Signal Solution®

EER Cores (9598354202)

Part Number: 9598354202

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: 46 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	35	± 0.65	1.378	_
B	21	± 0.20	0.827	_
C	11.3	± 0.30	0.445	_
D	15	± 0.20	0.591	_
E	25.3	min	0.997	min
F	11.3	± 0.30	0.445	_

Chart Legend
Σl/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)	2800 ±25%
Ae(cm^2)	1.11
Σl/A(cm^{-1})	8.2
l_e(cm)	9.11

Electrical Properties	
$V_e(cm^3)$	10.14
$A_{min}(cm^2)$	1

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

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