Fair-Rite Products Corp.
Your Signal Solution®

E Cores (9478117002)

Part Number: 9478117002

78 E CORE SET

The E core geometry offers an economical design approach for inductive applications in a variety of power designs.

E 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: 410 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	65.2	±1.30	2.567	_
B	32.5	±0.30	1.28	_
C	26.9	±0.35	1.059	_
D	22.55	±0.35	0.888	_
E	44.2	min	1.741	min
F	19.65	±0.35	0.774	_

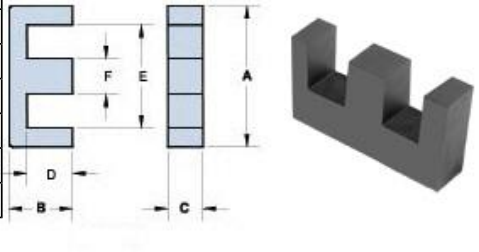

Chart Legend
$\Sigma l/A$: Core Constant, l_e : Effective Path Length, A_e : Effective Cross- Sectional Area, V_e : Effective Core Volume
A_L : Inductance Factor
Explanation of Part Numbers: Digits 1 & 2 = product class and 3 & 4 = material grade.

Electrical Properties	
A_L(nH)	7600 ±25%
Ae(cm^2)	5.31
$\Sigma l/A$(cm^{-1})	2.8
l_e(cm)	14.7
V_e(cm^3)	78.1
A_{min}(cm^2)	5.29

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