Fair-Rite Products Corp.
Your Signal Solution®

E Cores (9478104002)

Part Number: 9478104002

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: 7.4 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	20	±0.60	0.787	_
B	9.9	±0.20	0.39	_
C	5.65	±0.25	0.222	_
D	7.2	±0.20	0.283	_
E	14.1	min	0.555	min
F	5.7	±0.20	0.224	_

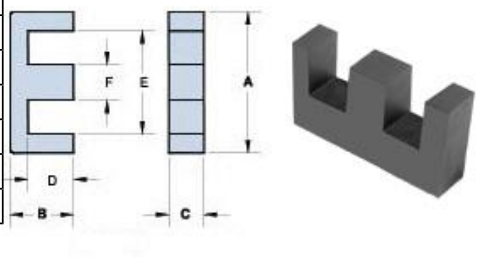


Chart Legend
$\Sigma l/A$: Core Constant, l_e : Effective Path Length, A_e : Effective Cross- Sectional Area, V_e : Effective Core Volume
A_L : Inductance Factor
Explanation of Part Numbers: Digits 1 & 2 = product class and 3 & 4 = material grade.

Electrical Properties	
A_L(nH)	1400 ±25%
Ae(cm^2)	0.309
$\Sigma l/A$(cm^{-1})	15
l_e(cm)	4.63
V_e(cm^3)	1.43
A_{min}(cm^2)	0.3

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