Fair-Rite Products Corp.
Your Signal Solution®

E Cores (9478115002)

Part Number: 9478115002

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: 112 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	42	±0.70	1.654	_
B	21.2	±0.30	0.835	_
C	19.85	±0.35	0.781	_
D	15.15	±0.30	0.596	_
E	29.5	min	1.161	min
F	11.9	±0.30	0.469	_

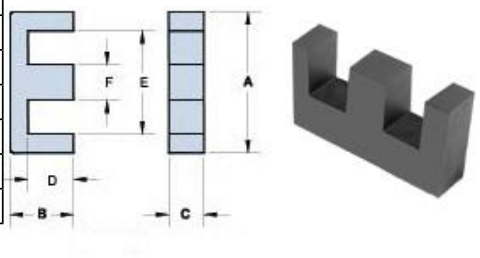


Chart Legend
$\Sigma l/A$: Core Constant, l_e : Effective Path Length, A_e : Effective Cross- Sectional Area, V_e : Effective Core Volume
A_L : Inductance Factor
Explanation of Part Numbers: Digits 1 & 2 = product class and 3 & 4 = material grade.

Electrical Properties	
A_L(nH)	5200 ±25%
Ae(cm^2)	2.35
$\Sigma l/A$(cm^{-1})	4.17
l_e(cm)	9.79
V_e(cm^3)	23.1
A_{min}(cm^2)	2.31

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