Fair-Rite Products Corp.
Your Signal Solution®

E Cores (9478112002)

Part Number: 9478112002

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: 29.9 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	34.5	±1.00	1.358	_
B	14.35	±0.35	0.565	_
C	9.5	±0.40	0.374	_
D	9.7	±0.30	0.382	_
E	25.4	min	1	min
F	9.4	±0.30	0.37	_

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)	0.86
Σl/A(cm^{-1})	8.1
l_e(cm)	6.97
V_e(cm^3)	5.99
A_{min}(cm^2)	0.79

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