Fair-Rite Products Corp.
Your Signal Solution®

E Cores (9498102002)

Part Number: 9498102002

98 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: 1.8 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	12.7	±0.35	0.5	_
B	6.35	±0.15	0.25	_
C	3.6	±0.20	0.142	_
D	4.65	±0.15	0.183	_
E	8.8	min	0.347	min
F	3.6	±0.20	0.142	_

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)	800 ±25%
Ae(cm^2)	0.127
$\Sigma l/A$(cm^{-1})	23.4
l_e(cm)	2.96
V_e(cm^3)	0.376
A_{min}(cm^2)	0.122

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