



Fair-Rite Products Corp.

Your Signal Solution®

E Cores (9498111002)



Part Number: 9498111002

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: 40.2 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	33	± 0.60	1.299	—
B	14	± 0.30	0.551	—
C	12.7	± 0.30	0.5	—
D	9.6	± 0.30	0.378	—
E	22.8	min	0.898	min
F	9.7	± 0.30	0.382	—

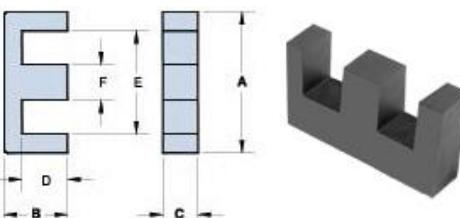


Chart Legend

$\Sigma l/A$: 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)	$4200 \pm 25\%$
A_e (cm ²)	1.19
$\Sigma l/A$ (cm ⁻¹)	5.6
l_e (cm)	6.65
V_e (cm ³)	7.9
A_{min} (cm ²)	1.12

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