

Part Number: 9495112002

95 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.

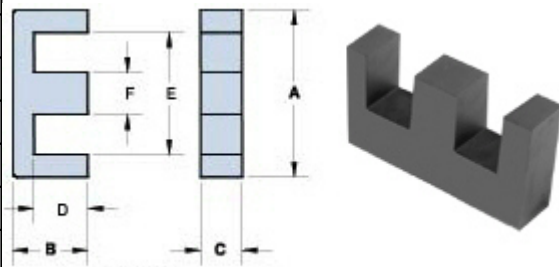
[Catalog Drawing](#)

[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

$\Sigma l/A$  : 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)	3500 ±25%
$A_e$ (cm <sup>2</sup> )	0.86
$\Sigma l/A$ (cm <sup>-1</sup> )	8.1
$l_e$ (cm)	6.97

Electrical Properties	
$V_e(\text{cm}^3)$	5.99
$A_{\text{min}}(\text{cm}^2)$	0.79

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