

# E Cores (9478110002)



Part Number: 9478110002

78 E CORE SET

**The E core geometry offers an economical design approach for inductive applications in a variety of power designs.**

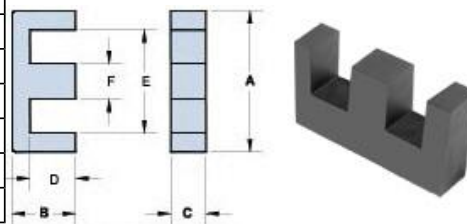
E cores can be supplied with the center post gapped to a mechanical dimension or an  $A_L$  value.

[Catalog Drawing](#)  
[3D Model](#)

Weight indicated is per pair or set.

Weight: 32 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	32.1	±0.60	1.264	—
B	16.1	±0.30	0.634	—
C	9.15	±0.35	0.36	—
D	11.5	±0.30	0.453	—
E	22.7	min	0.894	min
F	9.2	±0.30	0.362	—



### Chart Legend

$\Sigma l / A$  : Core Constant,  $l_c$  : Effective Path Length,  $A_c$  : Effective Cross- Sectional Area,  $V_c$  : 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)	2600 ±25%
$A_e$ (cm <sup>2</sup> )	0.821
$\Sigma l / A$ (cm <sup>-1</sup> )	9.07
$l_c$ (cm)	7.45
$V_c$ (cm <sup>3</sup> )	6.11
$A_{min}$ (cm <sup>2</sup> )	0.79