

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.

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_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)	2600 ±25%
A_e (cm ²)	0.821
$\Sigma l / A$ (cm ⁻¹)	9.07
l_e (cm)	7.45
V_e (cm ³)	6.11
A_{min} (cm ²)	0.79