

E Cores (9498115002)



Part Number: 9498115002

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.

Weight indicated is per pair or set.

Weight: 112 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	42	±0.70	1.654	—
B	21.2	±0.30	0.835	—
C	19.85	±0.35	0.781	—
D	15.15	±0.30	0.596	—
E	29.5	min	1.161	min
F	11.9	±0.30	0.469	—

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)	5200 ±25%
A_e (cm ²)	2.35
$\Sigma l / A$ (cm ⁻¹)	4.17
l_e (cm)	9.79
V_e (cm ³)	23.1
A_{min} (cm ²)	2.31