

E Cores (9498116002)



Part Number: 9498116002

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: 216 (g)

| Dim | mm | mm tol | nominal inch | inch misc. |
|-----|-------|--------|--------------|------------|
| A | 55.15 | ±1.05 | 2.171 | — |
| B | 27.5 | ±0.30 | 1.083 | — |
| C | 20.6 | ±0.40 | 0.811 | — |
| D | 18.8 | ±0.30 | 0.74 | — |
| E | 37.5 | min | 1.477 | min |
| F | 16.95 | ±0.25 | 0.667 | — |

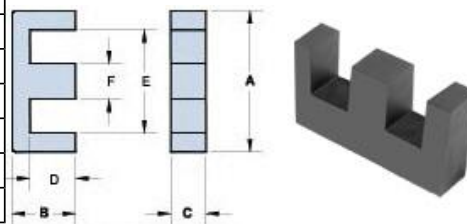


Chart Legend

$\Sigma l / A$: 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) | 6500 ±25% |
| A_e (cm ²) | 3.49 |
| $\Sigma l / A$ (cm ⁻¹) | 3.5 |
| l_e (cm) | 12.4 |
| V_e (cm ³) | 43.1 |
| A_{min} (cm ²) | 3.42 |

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