

E Cores (9498111002)



Part Number: 9498111002

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: 40.2 (g)

| Dim | mm | mm tol | nominal inch | inch misc. |
|-----|------|--------|--------------|------------|
| A | 33 | ±0.60 | 1.299 | — |
| B | 14 | ±0.30 | 0.551 | — |
| C | 12.7 | ±0.30 | 0.5 | — |
| D | 9.6 | ±0.30 | 0.378 | — |
| E | 22.8 | min | 0.898 | min |
| F | 9.7 | ±0.30 | 0.382 | — |

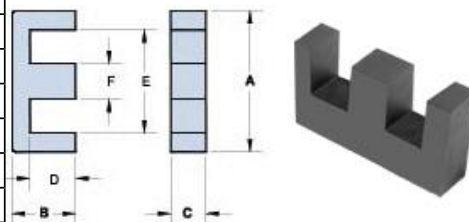



Chart Legend

$\Sigma l / A$: 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) | 4200 ±25% |
| A_e (cm ²) | 1.19 |
| $\Sigma l / A$ (cm ⁻¹) | 5.6 |
| l_e (cm) | 6.65 |
| V_e (cm ³) | 7.9 |
| A_{min} (cm ²) | 1.12 |