

Part Number: 9578261802

78 EER CORE SET

EER cores, similar to ETD cores, have been designed to make optimum use of a given volume of ferrite material for maximum throughput power. The structure, which includes a round center post, approaches a nearly uniform cross-sectional area throughout the core and provides a winding area that minimizes winding losses.

EER 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: 11.2 (g)

| Dim | mm | mm tol | nominal inch | inch misc. |
|-----|------|--------|--------------|------------|
| A | 25.5 | ± 0.50 | 1.004 | — |
| B | 9.3 | ± 0.15 | 0.366 | — |
| C | 7.5 | ± 0.25 | 0.295 | — |
| D | 6.4 | ± 0.15 | 0.252 | — |
| E | 19.8 | min | 0.78 | min |
| F | 7.5 | ± 0.25 | 0.295 | — |

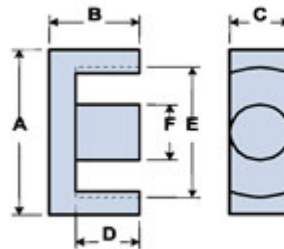


Chart Legend

$\Sigma l/A$: 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) | 1800 ±25% |
| A_e (cm ²) | 0.434 |
| $\Sigma l/A$ (cm ⁻¹) | 11.1 |
| l_e (cm) | 4.8 |
| V_e (cm ³) | 2.083 |

| | |
|-------------------------|-------|
| Electrical Properties | |
| $A_{\min}(\text{cm}^2)$ | 0.425 |

A_L value is measured at 1 kHz, $B < 10$ gauss.

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