

EFD Cores (8995303021)



Part Number: 8995303021

95 EFD CORE SET

EFD (Economical Flat Design) cores have been designed to maximize volume in a low profile geometry. EFD cores allow maximum throughput power density with reasonably low mass for board level installation.

EFD 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: 24 (g)

| Dim | mm | mm tol | nominal inch | inch misc. |
|-----|------|--------|--------------|------------|
| A | 30 | ± 0.80 | 1.181 | — |
| B | 15 | ± 0.25 | 0.591 | — |
| C | 9.1 | ± 0.30 | 0.358 | — |
| D | 11.2 | ± 0.30 | 0.441 | — |
| E | 22.4 | ± 0.75 | 0.882 | — |
| F | 14.6 | ± 0.30 | 0.575 | — |
| K | 4.9 | ± 0.20 | 0.193 | — |

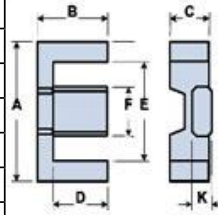



Chart Legend

$\Sigma l / A$: 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) | 2150 ±25% |
| A_e (cm ²) | 0.69 |
| $\Sigma l / A$ (cm ⁻¹) | 11.3 |
| l_e (cm) | 6.93 |
| V_e (cm ³) | 4.26 |
| A_{min} (cm ²) | 0.66 |

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

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