

EFD Cores (8978202021)



Part Number: 8978202021

78 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: 7 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	20	± 0.55	0.787	—
B	10	± 0.25	0.394	—
C	6.65	± 0.20	0.262	—
D	7.7	± 0.25	0.303	—
E	15.4	± 0.50	0.606	—
F	8.9	± 0.30	0.35	—
K	3.6	± 0.15	0.142	—



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)	1200 ±25%
A_e (cm ²)	0.31
$\Sigma l / A$ (cm ⁻¹)	15.6
l_e (cm)	4.74
V_e (cm ³)	1.44
A_{min} (cm ²)	0.29

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