

# EFD Cores (8998151521)



Part Number: 8998151521

98 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.

Weight indicated is per pair or set.

Weight: 2.8 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	15	± 0.40	0.591	<input type="checkbox"/>
B	7.5	± 0.15	0.295	<input type="checkbox"/>
C	4.65	± 0.20	0.183	<input type="checkbox"/>
D	5.5	± 0.15	0.217	<input type="checkbox"/>
E	11	± 0.40	0.433	<input type="checkbox"/>
F	5.3	± 0.20	0.209	<input type="checkbox"/>
K	2.4	± 0.10	0.094	<input type="checkbox"/>

### 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)	910 ±25%
$A_e$ (cm <sup>2</sup> )	0.154
$\Sigma l / A$ (cm <sup>-1</sup> )	22.3
$l_e$ (cm)	3.44
$V_e$ (cm <sup>3</sup> )	0.531
$A_{min}$ (cm <sup>2</sup> )	0.127

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