Fair-Rite Products Corp.
Your Signal Solution®

EFD Cores (8995151521)

Part Number: 8995151521

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: 2.8 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	15	± 0.40	0.591	_
B	7.5	± 0.15	0.295	_
C	4.65	± 0.20	0.183	_
D	5.5	± 0.15	0.217	_
E	11	± 0.40	0.433	_
F	5.3	± 0.20	0.209	_
K	2.4	± 0.10	0.094	_

Chart Legend
Σl/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)	1050 ±25%
Ae(cm^2)	0.154
Σl/A(cm^{-1})	22.3
l_e(cm)	3.44

Electrical Properties	
$V_e(cm^3)$	0.531
$A_{min}(cm^2)$	0.127

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

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