

# EFD Cores (8978252521)



Part Number: 8978252521

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.**

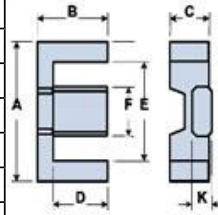
EFD cores can be supplied with the center post gapped to a mechanical dimension or an  $A_L$  value.

[Catalog Drawing](#)  
[3D Model](#)


Weight indicated is per pair or set.

Weight: 16 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	25	± 0.50	0.984	—
B	12.5	± 0.25	0.492	—
C	9.1	± 0.30	0.358	—
D	9.3	± 0.25	0.366	—
E	18.7	± 0.60	0.736	—
F	11.4	± 0.20	0.449	—
K	5.2	± 0.20	0.205	—



### 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)	2200 ±25%
$A_e$ (cm <sup>2</sup> )	0.58
$\Sigma l / A$ (cm <sup>-1</sup> )	10.4
$l_e$ (cm)	5.88
$V_e$ (cm <sup>3</sup> )	3.32
$A_{min}$ (cm <sup>2</sup> )	0.55

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

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