

## EFD Cores (8998202021)



Part Number: 8998202021

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<sub>t</sub> value.

## Catalog Drawing 3D Model

Weight indicated is per pair or set.

Weight: 7 (g)

Weight. / (g)					
Dim	mm	mm tol	nominal inch	inch misc.	
A	20	± 0.55	0.787		-B
В	10	± 0.25	0.394		
С	6.65	± 0.20	0.262		
D	7.7	± 0.25	0.303		
Е	15.4	± 0.50	0.606		
F	8.9	± 0.30	0.35		, D, K,
K	3.6	± 0.15	0.142		* + ***

## **Chart Legend**

Σl/ A : Core Constant, l<sub>e</sub> : Effective Path Length, A<sub>e</sub> : Effective Cross- Sectional Area, V<sub>e</sub>

Effective Core Volume
A<sub>1</sub>: Inductance Factor

Explanation of Part Numbers: Digits 1 & 2 = product class and 3 & 4 = material grade.

Electrical Properties		
$A_L(nH)$	1200 ±25%	
Ae(cm <sup>2</sup> )	0.31	
$\Sigma l/A(cm^{-1})$	15.6	
l <sub>e</sub> (cm)	4.74	
$V_e(cm^3)$	1.44	
$A_{min}(cm^2)$	0.29	

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