

## EFD Cores (8995121221)



Part Number: 8995121221

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<sub>t</sub> value.

## Catalog Drawing 3D Model

Weight indicated is per pair or set.

Weight: 18(g)

VV CISI	<u>π.</u> 1.0 (Ε	, <u> </u>			
Dim	mm	mm tol	nominal inch	inch misc.	
A	12.5	± 0.35	0.492		B   -C
В	6.2	± 0.15	0.244		
С	3.5	± 0.20	0.138		
D	4.55	± 0.15	0.179		A L FE
Е	9	± 0.35	0.354		
F	5.4	± 0.20	0.213		_D_ K
K	2	± 0.10	0.079		* A

## **Chart Legend**

 $\Sigma I/A$ : Core Constant,  $I_e$ : Effective Path Length,  $A_e$ : Effective Cross-Sectional Area,  $V_e$ :

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		
$A_L(nH)$	850 ±25%	
Ae(cm <sup>2</sup> )	0.11	
$\Sigma l/A(cm^{-1})$	25.9	
l <sub>e</sub> (cm)	2.84	
$V_e(cm^3)$	0.311	
$A_{min}(cm^2)$	0.108	

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