

EFD Cores (8995202021)



Part Number: 8995202021

95 EFD CORE CORE

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.

 \Box EFD cores can be supplied with the center post gapped to a mechanical dimension or an A_{τ} value.

Weight indicated is per pair or set.

Weight: 7 (g)

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$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Dim	mm	mm tol	nominal inch	inch misc.		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	A	20	± 0.55	0.787			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	В	10	± 0.25	0.394			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	C	6.65	± 0.20	0.262	_		V
	D	7.7	± 0.25	0.303	_	$\Sigma I/A$: Core Constant, I_e : Effective Path	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	E	15.4	± 0.50	0.606			
K 3.6 \pm 0.15 0.142 A _L : Inductance Factor	F	8.9	± 0.30	0.35	6	ν,	
L	K	3.6	± 0.15	0.142	_		
Explanation of Part Numbers: Digits 1 & 2 = product class and 3 & 4 = material grade.						L	
	Expla	nation (of Part Nui	mbers: Digits 1 & 2	= product class a	and 3 & $4 = \text{material grade}$.	

Electrical Properties						
$A_L(nH)$	$1400 \pm 25\%$					
Ae(cm ²)	0.31					
$\Sigma l/A(cm^{-1})$	15.6					
l _e (cm)	4.74					
$V_e(cm^3)$	1.44					
$A_{min}(cm^2)$	0.29					

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

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