Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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Fair-Rite Products Corp.
Your Signal Solution®

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_L value.

Weight indicated is per pair or set.

Weight: 7 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	20	± 0.55	0.787	_
B	10	± 0.25	0.394	_
C	6.65	± 0.20	0.262	_
D	7.7	± 0.25	0.303	_
E	15.4	± 0.50	0.606	_
F	8.9	± 0.30	0.35	_
K	3.6	± 0.15	0.142	_

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)	1200 ±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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