

POWER

SMPS TRANSFORMERS



Configurable Magnetics— EFD Series



EFD 14

Part #	Inductance (μ H)	DC Resistance (Ω max)	Leakage Ind. (μ H)	Max Current (wire)* (Amperes / winding)	Max DC Current (core) (approx. shift of 20%)
1C-1000	12.35 $\pm$ 5%	0.121	0.27	0.64	4.95
1C-1001	19.60 $\pm$ 5%	0.121	0.27	0.64	3.08
1C-1002	31.36 $\pm$ 10%	0.121	0.27	0.64	1.82
1C-1003	152.88 $\pm$ 25%	0.121	0.27	0.64	0.17

EFD 20

Part #	Inductance (μ H)	DC Resistance (Ω max)	Leakage Ind. (μ H)	Max Current (wire)* (Amperes / winding)	Max DC Current (core) (approx. shift of 20%)
1D-1000	12.35 $\pm$ 5%	0.090	0.33	1.27	10.06
1D-1001	19.60 $\pm$ 5%	0.090	0.33	1.27	6.45
1D-1002	31.36 $\pm$ 5%	0.090	0.33	1.27	3.96
1D-1003	49.00 $\pm$ 5%	0.090	0.33	1.27	2.39
1D-1004	61.74 $\pm$ 10%	0.090	0.33	1.27	1.80
1D-1005	235.20 $\pm$ 25%	0.090	0.33	1.27	0.22

EFD 25

Part #	Inductance (μ H)	DC Resistance (Ω max)	Leakage Ind. (μ H)	Max Current (wire)* (Amperes / winding)	Max DC Current (core) (approx. shift of 20%)
1E-1000	12.35 $\pm$ 5%	0.070	0.23	2.02	17.98
1E-1001	19.60 $\pm$ 5%	0.070	0.23	2.02	11.89
1E-1002	31.36 $\pm$ 5%	0.070	0.23	2.02	7.55
1E-1003	49.00 $\pm$ 5%	0.070	0.23	2.02	4.74
1E-1004	61.74 $\pm$ 5%	0.070	0.23	2.02	3.66
1E-1005	392.00 $\pm$ 25%	0.070	0.23	2.02	0.24

EFD 30

Part #	Inductance (μ H)	DC Resistance (Ω max)	Leakage Ind. (μ H)	Max Current (wire)* (Amperes / winding)	Max DC Current (core) (approx. shift of 20%)
1F-1000	31.36 $\pm$ 5%	0.078	0.38	2.02	8.98
1F-1001	49.00 $\pm$ 5%	0.078	0.38	2.02	5.63
1F-1002	61.74 $\pm$ 5%	0.078	0.38	2.02	4.36
1F-1003	78.40 $\pm$ 5%	0.078	0.38	2.02	3.29
1F-1004	123.48 $\pm$ 10%	0.078	0.38	2.02	1.84
1F-1005	372.40 $\pm$ 25%	0.078	0.38	2.02	0.31

* using a current density of 200 circular mils per Amp (cm/A)