

POWER

SMPS TRANSFORMERS



Configurable Magnetics— ER Series



ER 9.5

Part #	Inductance (μH)	DC Resistance (Ω max)	Leakage Ind. (μH)	Max Current (wire)* (Amperes / winding)	Max DC Current (core) (approx. shift of 20%)
8C-1000	4.55 \pm 5%	0.125	0.43	0.32	4.56
8C-1001	7.23 \pm 10%	0.125	0.43	0.32	2.90
8C-1002	11.56 \pm 10%	0.125	0.43	0.32	1.77
8C-1003	61.41 \pm 25%	0.125	0.43	0.32	0.17

ER 11

Part #	Inductance (μH)	DC Resistance (Ω max)	Leakage Ind. (μH)	Max Current (wire)* (Amperes / winding)	Max DC Current (core) (approx. shift of 20%)
8C-1000	7.23 \pm 5%	0.144	0.68	0.32	4.06
8C-1001	11.56 \pm 10%	0.144	0.68	0.32	2.54
8C-1002	18.06 \pm 15%	0.144	0.68	0.32	1.56
8C-1003	86.70 \pm 25%	0.144	0.68	0.32	0.16

ER 14.5

Part #	Inductance (μH)	DC Resistance (Ω max)	Leakage Ind. (μH)	Max Current (wire)* (Amperes / winding)	Max DC Current (core) (approx. shift of 20%)
8C-1000	7.23 \pm 5%	0.084	0.68	0.64	5.98
8C-1001	11.56 \pm 5%	0.084	0.68	0.64	3.77
8C-1002	18.06 \pm 10%	0.084	0.68	0.64	2.35
8C-1003	101.15 \pm 25%	0.084	0.68	0.64	0.20

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

