



Magnetic resin for higher current and semi-magnetic shielded

Quantity: 4500pcs

DC/DC converter

LC filter

	Tolerance	Temperature Rise Current Typ. (A)	Temperature Rise Current Max. (A)	Saturation Current Typ. (A)	Saturation Current Max. (A)	DC Resistance Typ. (Ω)	Resistance
	±30%	3.30	2.90	5.60	4.80	0.020	0.020
	±30%	2.80	2.40	4.50	3.90	0.031	0.031
	±30%	2.30	2.00	3.00	2.80	0.042	0.042
	±30%	2.00	1.80	2.35	2.20	0.051	0.051
	±20%	1.90	1.32	2.00	1.76	0.075	0.075
	±20%	1.90	1.32	1.65	1.35	0.075	0.075
	±20%	1.40	1.00	1.50	1.15	0.125	0.125
	±20%	1.20	1.00	1.60	1.00	0.150	0.150
	±20%	1.10	0.85	1.30	1.15	0.175	0.175
	±20%	1.00	0.80	0.95	0.85	0.180	0.180
	±20%	0.80	0.65	0.80	0.68	0.310	0.310
	±20%	0.80	0.55	0.75	0.60	0.430	0.430
	±20%	0.75	0.49	0.70	0.50	0.530	0.530
	±20%	0.52	0.42	0.60	0.50	0.780	1.000
	±20%	0.50	0.37	0.45	0.35	1.100	1.100

Operating temperature : -40°C ~ +125°C

Temperature rise current: the actual value of DC current when the temperature rise is ΔT40°C

Saturation Current that will cause initial inductance to drop approximately 30%

