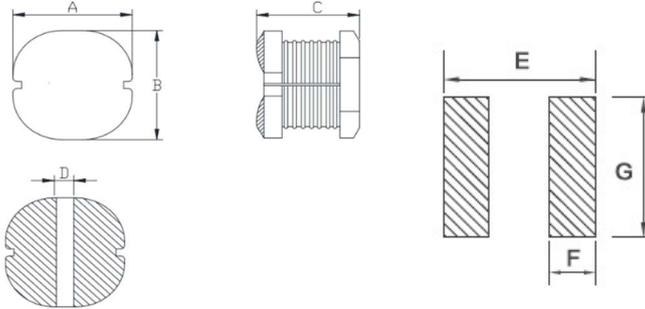




SMT Power Inductor M104 Series

Dimensions



A: 10.0 ± 0.4 mm
B: 9.0 ± 0.4 mm
C: 4.0 ± 0.4 mm
D: 2.9 ref mm
E: 10.0 ref mm
F: 3.75 ref mm
G: 9.5 ref mm

ELECTRICAL CHARACTERISTICS

Model	Inductance(μ H)	Test Condition	RDC(Ω)	Saturation Current(A)
			Max.	
M104-4R7	$4.7 \pm 20\%$	100KHZ/0.25V	0.020	2.68
M104-6R8	$6.8 \pm 20\%$	100KHZ/0.25V	0.030	2.53
M104-8R2	$8.2 \pm 20\%$	100KHZ/0.25V	0.040	2.45
M104-100	$10 \pm 20\%$	100KHZ/0.25V	0.053	2.40
M104-120	$12 \pm 20\%$	100KHZ/0.25V	0.061	2.15
M104-180	$18 \pm 20\%$	100KHZ/0.25V	0.081	1.75
M104-330	$33 \pm 10\%$	100KHZ/0.25V	0.120	1.26
M104-390	$39 \pm 10\%$	100KHZ/0.25V	0.150	1.20
M104-470	$47 \pm 10\%$	100KHZ/0.25V	0.170	1.10
M104-560	$56 \pm 10\%$	100KHZ/0.25V	0.200	1.00
M104-680	$68 \pm 10\%$	100KHZ/0.25V	0.222	0.92
M104-820	$82 \pm 10\%$	100KHZ/0.25V	0.250	0.85
M104-101	$100 \pm 10\%$	100KHZ/0.25V	0.345	0.75
M104-121	$120 \pm 10\%$	100KHZ/0.25V	0.400	0.70
M104-151	$150 \pm 10\%$	100KHZ/0.25V	0.540	0.62
M104-181	$180 \pm 10\%$	100KHZ/0.25V	0.620	0.56
M104-221	$220 \pm 10\%$	100KHZ/0.25V	0.720	0.53
M104-271	$270 \pm 10\%$	100KHZ/0.25V	0.950	0.45
M104-331	$330 \pm 10\%$	100KHZ/0.25V	1.100	0.42
M104-391	$390 \pm 10\%$	100KHZ/0.25V	1.250	0.38
M104-471	$470 \pm 10\%$	100KHZ/0.25V	1.520	0.35
M104-561	$560 \pm 10\%$	100KHZ/0.25V	1.900	0.32
M104-681	$680 \pm 10\%$	100KHZ/0.25V	2.200	0.31
M104-821	$820 \pm 10\%$	100KHZ/0.25V	2.700	0.30
M104-102	$1000 \pm 10\%$	100KHZ/0.25V	2.680	0.29



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M104-202	2000±10%	100KHZ/0.25V	6.500	0.19
M104-222	2200± 10%	100KHZ/0.25V	6.500	0.19