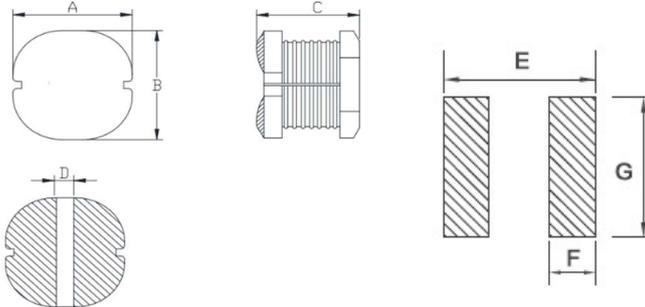




SMT Power Inductor M108 Series

Dimensions



A: 10.0 ± 0.4 mm
B: 9.0 ± 0.4 mm
C: 8.0 ± 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.	
M108-1R0	$1.0 \pm 20\%$	100KHZ/0.25V	0.008	10.00
M108-1R5	$1.5 \pm 20\%$	100KHZ/0.25V	0.011	9.00
M108-2R2	$2.2 \pm 20\%$	100KHZ/0.25V	0.012	8.00
M108-3R3	$3.3 \pm 20\%$	100KHZ/0.25V	0.016	7.20
M108-3R9	$3.9 \pm 20\%$	100KHZ/0.25V	0.017	6.80
M108-4R7	$4.7 \pm 20\%$	100KHZ/0.25V	0.023	6.50
M108-5R6	$5.6 \pm 20\%$	100KHZ/0.25V	0.024	5.50
M108-6R8	$6.8 \pm 20\%$	100KHZ/0.25V	0.035	5.00
M108-8R2	$8.2 \pm 20\%$	100KHZ/0.25V	0.045	4.50
M108-100	$10 \pm 20\%$	100KHZ/0.25V	0.060	4.00
M108-120	$12 \pm 20\%$	100KHZ/0.25V	0.070	3.80
M108-150	$15 \pm 20\%$	100KHZ/0.25V	0.080	3.50
M108-180	$18 \pm 20\%$	100KHZ/0.25V	0.090	3.30
M108-220	$22 \pm 10\%$	100KHZ/0.25V	0.100	3.20
M108-270	$27 \pm 10\%$	100KHZ/0.25V	0.110	3.00
M108-330	$33 \pm 10\%$	100KHZ/0.25V	0.120	2.80
M108-390	$39 \pm 10\%$	100KHZ/0.25V	0.140	2.50
M108-470	$47 \pm 10\%$	100KHZ/0.25V	0.185	2.10
M108-560	$56 \pm 10\%$	100KHZ/0.25V	0.190	2.00
M108-680	$68 \pm 10\%$	100KHZ/0.25V	0.220	1.80
M108-820	$82 \pm 10\%$	100KHZ/0.25V	0.250	1.60
M108-101	$100 \pm 10\%$	100KHZ/0.25V	0.350	1.50
M108-121	$120 \pm 10\%$	100KHZ/0.25V	0.440	1.40
M108-151	$150 \pm 10\%$	100KHZ/0.25V	0.470	1.30
M108-181	$180 \pm 10\%$	100KHZ/0.25V	0.680	1.20



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M108-221	220± 10%	100KHZ/0.25V	0.800	2.00
M108-301	300± 10%	100KHZ/0.25V	0.820	1.50
M108-331	330± 10%	100KHZ/0.25V	1.150	0.90
M108-391	390± 10%	100KHZ/0.25V	1.300	0.80
M108-401	400± 10%	100KHZ/0.25V	1.350	1.10
M108-471	470± 10%	100KHZ/0.25V	1.400	1.30
M108-501	500± 10%	100KHZ/0.25V	1.450	1.30
M108-601	600±10%	100KHZ/0.25V	1.850	1.35
M108-701	700± 10%	100KHZ/0.25V	1.900	1.20
M108-751	750± 10%	100KHZ/0.25V	1.950	1.20
M108-801	800± 10%	100KHZ/0.25V	2.000	1.20
M108-851	850± 10%	100KHZ/0.25V	2.200	1.18
M108-901	900± 10%	100KHZ/0.25V	2.500	1.15
M108-102	1000±10%	100KHZ/0.25V	3.300	0.85
M108-122	1200±10%	100KHZ/0.25V	5.300	0.45
M108-152	1500±10%	100KHZ/0.25V	5.300	0.45
M108-182	1800±10%	100KHZ/0.25V	5.500	0.40
M108-202	2000±10%	100KHZ/0.25V	7.900	0.40
M108-222	2200± 10%	100KHZ/0.25V	10.50	0.40
M108-302	3000± 10%	100KHZ/0.25V	14.50	0.40
M108-322	3200± 10%	100KHZ/0.25V	15.00	0.40
M108-332	3300±10%	100KHZ/0.25V	15.00	0.40
M108-402	4000±10%	100KHZ/0.25V	17.60	0.40
M108-472	4700±10%	100KHZ/0.25V	26.00	0.40
M108-602	6000±10%	100KHZ/0.25V	16.20	0.36
M108-652	6500±10%	100KHZ/0.25V	16.80	0.28