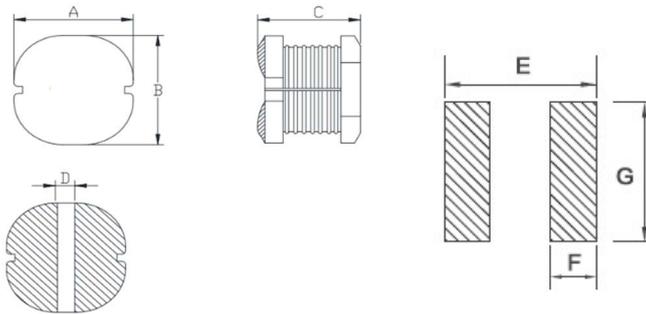




SMT Power Inductor M32 Series

Dimensions



A: 3.5 ± 0.3 mm
B: 3.0 ± 0.3 mm
C: 2.1 ± 0.3 mm
D: 1.0 ref mm
E: 3.5 ref mm
F: 1.25 ref mm
G: 3.2 ref mm

ELECTRICAL CHARACTERISTICS

Model	Inductance(μ H)	Test Condition	RDC(Ω)	Saturation Current(A)
			Max.	
M32-1R0	$1.0 \pm 20\%$	100KHZ/0.25V	0.05	3.30
M32-1R5	$1.5 \pm 20\%$	100KHZ/0.25V	0.065	3.00
M32-2R2	$2.2 \pm 20\%$	100KHZ/0.25V	0.085	2.00
M32-3R3	$3.3 \pm 20\%$	100KHZ/0.25V	0.11	1.70
M32-4R7	$4.7 \pm 20\%$	1DOKHZ/0.25V	0.155	1.41
M32-5R6	$5.6 \pm 20\%$	100KHZ/0.25V	0.185	1.36
M32-6R8	$6.8 \pm 20\%$	100KHZ/0.25V	0.196	1.22
M32-8R2	$8.2 \pm 20\%$	100KHZ/0.25V	0.29	1.10
M32-100	$10 \pm 20\%$	100KHZ/0.25V	0.30	0.74
M32-120	$12 \pm 20\%$	100KHZ/0.25V	0.32	0.72
M32-150	$15 \pm 20\%$	100KHZ/0.25V	0.495	0.70
M32-180	$18 \pm 20\%$	100KHZ/0.25V	0.52	0.66
M32-220	$22 \pm 20\%$	100KHZ/0.25V	0.65	0.5
M32-270	$27 \pm 20\%$	100KHZ/0.25V	0.76	0.60
M32-330	$33 \pm 10\%$	100KHZ/0.25V	1.00	0.45
M32-390	$39 \pm 10\%$	100KHZ/0.25V	1.10	0.51
M32-470	$47 \pm 10\%$	100KHZ/0.25V	1.50	0.33
M32-560	$56 \pm 10\%$	100KHZ/0.25V	1.80	0.48
M32-680	$68 \pm 10\%$	100KHZ/0.25V	1.82	0.38
M32-820	$82 \pm 10\%$	100KHZ/0.25V	2.44	0.34
M32-101	$100 \pm 10\%$	100KHZ/0.25V	2.90	0.23
M32-121	$120 \pm 10\%$	100KHZ/0.25V	4.00	0.22
M32-151	$150 \pm 10\%$	100KHZ/0.25V	5.00	0.21
M32-181	$180 \pm 10\%$	100KHZ/0.25V	6.00	0.20
M32-221	$220 \pm 10\%$	100KHZ/0.25V	6.80	0.15
M32-271	$270 \pm 10\%$	100KHZ/0.25V	8.20	0.12
M32-331	$330 \pm 10\%$	100KHZ/0.25V	10.50	0.20