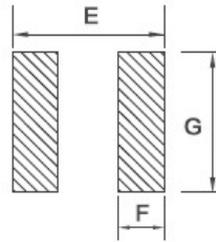
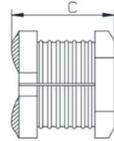
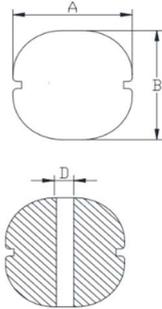




SMT Power Inductor M75 Series

Dimensions



A: 7.8 ± 0.3 mm
B: 7.0 ± 0.3 mm
C: 5.0 ± 0.3 mm
D: 2.1 ref mm
E: 8.0 ref mm
F: 3.0 ref mm
G: 7.5 ref mm

ELECTRICAL CHARACTERISTICS

Model	Inductance(μ H)	Test Condition	RDC(Ω)	Saturation Current(A)
			Max.	
M75-1R0	$1.0 \pm 20\%$	100KHZ/0.25V	0.020	7.00
M75-2R2	$2.2 \pm 20\%$	100KHZ/0.25V	0.026	5.00
M75-3R3	$3.3 \pm 20\%$	100KHZ/0.25V	0.028	3.80
M75-4R7	$4.7 \pm 20\%$	100KHZ/0.25V	0.045	4.00
M75-5R6	$5.6 \pm 20\%$	100KHZ/0.25V	0.050	3.80
M75-6R8	$6.8 \pm 20\%$	100KHZ/0.25V	0.029	2.85
M75-8R2	$8.2 \pm 20\%$	100KHZ/0.25V	0.060	2.80
M75-100	$10 \pm 20\%$	100KHZ/0.25V	0.070	2.30
M75-120	$12 \pm 20\%$	100KHZ/0.25V	0.080	2.00
M75-150	$15 \pm 20\%$	100KHZ/0.25V	0.090	1.80
M75-180	$18 \pm 20\%$	100KHZ/0.25V	0.100	1.60
M75-220	$22 \pm 10\%$	100KHZ/0.25V	0.110	1.50
M75-270	$27 \pm 10\%$	100KHZ/0.25V	0.120	1.30
M75-330	$33 \pm 10\%$	100KHZ/0.25V	0.130	1.40
M75-390	$39 \pm 10\%$	100KHZ/0.25V	0.160	1.10
M75-470	$47 \pm 10\%$	100KHZ/0.25V	0.190	0.96
M75-560	$56 \pm 10\%$	100KHZ/0.25V	0.240	0.94
M75-680	$68 \pm 10\%$	100KHZ/0.25V	0.280	0.90
M75-820	$82 \pm 10\%$	100KHZ/0.25V	0.370	0.80
M75-101	$100 \pm 10\%$	100KHZ/0.25V	0.430	0.80
M75-121	$120 \pm 10\%$	100KHZ/0.25V	0.470	0.66
M75-151	$150 \pm 10\%$	100KHZ/0.25V	0.700	0.64
M75-181	$180 \pm 10\%$	100KHZ/0.25V	0.710	0.51
M75-221	$220 \pm 10\%$	100KHZ/0.25V	0.960	0.49
M75-301	$300 \pm 10\%$	100KHZ/0.25V	1.100	0.41



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M75-331	330± 10%	100KHZ/0.25V	1.260	0.40
M75-391	390± 10%	100KHZ/0.25V	1.770	0.36
M75-471	470± 10%	100KHZ/0.25V	1.500	0.34
M75-561	560± 10%	100KHZ/0.25V	1.900	0.34
M75-681	680±10%	100KHZ/0.25V	2.900	0.28
M75-821	820± 10%	100KHZ/0.25V	3.150	0.27
M75-102	1000±10%	100KHZ/0.25V	3.800	0.25
M75-152	1500±10%	100KHZ/0.25V	7.000	0.36
M75-182	1800±10%	100KHZ/0.25V	7.500	0.32
M75-202	2000±10%	100KHZ/0.25V	6.700	0.20
M75-222	2200± 10%	100KHZ/0.25V	8.000	0.20
M75-252	2500± 10%	100KHZ/0.25V	11.50	0.27
M75-272	2700± 10%	100KHZ/0.25V	15.60	0.28
M75-302	3000± 10%	100KHZ/0.25V	9.700	0.18
M75-332	3300±10%	100KHZ/0.25V	18.20	0.27
M75-352	3500±10%	100KHZ/0.25V	11.90	0.16
M75-382	3800± 10%	100KHZ/0.25V	16.00	0.20
M75-402	4000±10%	100KHZ/0.25V	17.00	0.20
M75-412	4100±10%	100KHZ/0.25V	17.50	0.19
M75-472	4700±10%	100KHZ/0.25V	18.50	0.19
M75-502	5000±10%	100KHZ/0.25V	28.00	0.16
M75-602	6000±10%	100KHZ/0.25V	34.20	0.16
M75-652	6500±10%	100KHZ/0.25V	34.50	0.14
M75-682	6800±10%	100KHZ/0.25V	28.00	0.13
M75-802	8000±10%	100KHZ/0.25V	28.00	0.12