

UNSHIELDED SMD POWER INDUCTORS / TPY TYPE

FEATURES

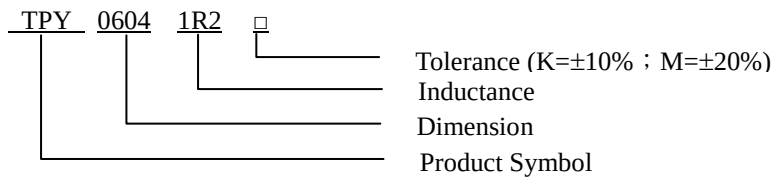
- ◆ Surface mount inductor with high current rating.
- ◆ Low resistance to keep power loss minimum.



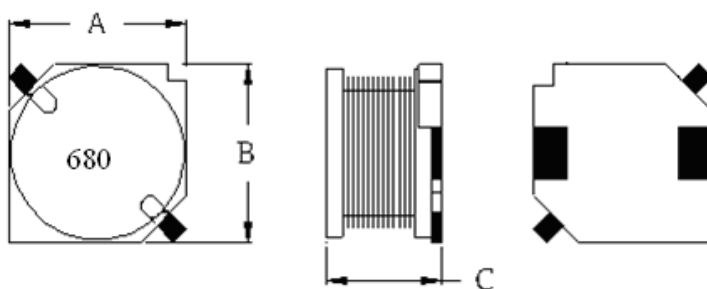
APPLICATIONS

- ◆ Power supply for VTRs.
- ◆ Portable communication equipment.
- ◆ Notebook PCs.
- ◆ LCD televisions.
- ◆ DC/DC converters, etc.

ORDERING CODE



DIMENSIONS (UNIT:mm)



A	6.0 ± 0.3	m/m
B	6.0 ± 0.3	m/m
C	3.9 ± 0.3	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR TPY0604

Part No.	Inductance (μ H)	RDC (Ω) MAX	IDC (A) MAX
TPY0604-1R2M	1.2 $\pm$ 20%	0.025	3.00
TPY0604-1R8M	1.8 $\pm$ 20%	0.030	2.85
TPY0604-2R2M	2.2 $\pm$ 20%	0.035	2.65
TPY0604-3R3M	3.3 $\pm$ 20%	0.045	2.35
TPY0604-4R7M	4.7 $\pm$ 20%	0.055	2.15
TPY0604-6R8M	6.8 $\pm$ 20%	0.065	1.85
TPY0604-100M	10 $\pm$ 20%	0.085	1.60
TPY0604-120M	12 $\pm$ 20%	0.090	1.50
TPY0604-150M	15 $\pm$ 20%	0.106	1.44
TPY0604-180M	18 $\pm$ 20%	0.120	1.30
TPY0604-220M	22 $\pm$ 20%	0.160	1.15
TPY0604-270M	27 $\pm$ 20%	0.190	1.08
TPY0604-330K	33 $\pm$ 10%	0.280	0.97
TPY0604-390K	39 $\pm$ 10%	0.300	0.85
TPY0604-470K	47 $\pm$ 10%	0.330	0.77
TPY0604-560K	56 $\pm$ 10%	0.410	0.70
TPY0604-680K	68 $\pm$ 10%	0.450	0.64
TPY0604-820K	82 $\pm$ 10%	0.600	0.58
TPY0604-101K	100 $\pm$ 10%	0.660	0.50
TPY0604-121K	120 $\pm$ 10%	0.720	0.48
TPY0604-151K	150 $\pm$ 10%	1.050	0.42
TPY0604-181K	180 $\pm$ 10%	1.150	0.38
TPY0604-221K	220 $\pm$ 10%	1.250	0.35
TPY0604-271K	270 $\pm$ 10%	1.800	0.30
TPY0604-331K	330 $\pm$ 10%	1.950	0.28
TPY0604-391K	390 $\pm$ 10%	2.780	0.25
TPY0604-471K	470 $\pm$ 10%	2.980	0.23
TPY0604-561K	560 $\pm$ 10%	3.300	0.21
TPY0604-681K	680 $\pm$ 10%	5.100	0.19
TPY0604-821K	820 $\pm$ 10%	5.400	0.17
TPY0604-102K	1000 $\pm$ 10%	6.000	0.15

* Test Frequency : 100KHZ/0.1V



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