

UNSHIELDED SMD POWER INDUCTORS / TPY TYPE

FEATURES

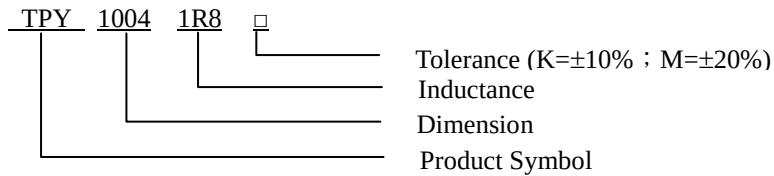
- ◆ Surface mount inductor with high current rating.
- ◆ Low resistance to keep power loss minimum.



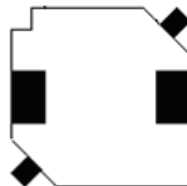
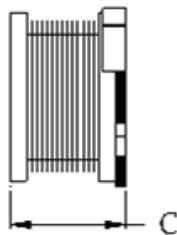
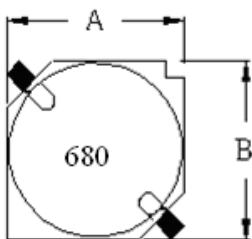
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT:mm)



A	10.0 ± 0.3	m/m
B	10.0 ± 0.3	m/m
C	4.6 ± 0.3	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR TPY1004

Part No.	Inductance (μ H)	RDC (Ω) MAX	IDC (A) MAX
TPY1004-1R8M	1.8 $\pm$ 20%	0.023	5.50
TPY1004-2R7M	2.7 $\pm$ 20%	0.025	5.00
TPY1004-3R9M	3.9 $\pm$ 20%	0.030	4.50
TPY1004-4R7M	4.7 $\pm$ 20%	0.035	4.00
TPY1004-6R8M	6.8 $\pm$ 20%	0.040	3.80
TPY1004-100M	10 $\pm$ 20%	0.050	3.30
TPY1004-120M	12 $\pm$ 20%	0.055	3.20
TPY1004-150M	15 $\pm$ 20%	0.065	3.00
TPY1004-180L	18 $\pm$ 15%	0.070	2.70
TPY1004-220L	22 $\pm$ 15%	0.080	2.64
TPY1004-270L	27 $\pm$ 15%	0.090	2.40
TPY1004-330L	33 $\pm$ 15%	0.110	2.00
TPY1004-390L	39 $\pm$ 15%	0.120	1.90
TPY1004-470L	47 $\pm$ 15%	0.130	1.80
TPY1004-560L	56 $\pm$ 15%	0.180	1.60
TPY1004-680L	68 $\pm$ 15%	0.210	1.40
TPY1004-820L	82 $\pm$ 15%	0.240	1.30
TPY1004-101K	100 $\pm$ 10%	0.290	1.20
TPY1004-121K	120 $\pm$ 10%	0.340	1.10
TPY1004-151K	150 $\pm$ 10%	0.470	1.00
TPY1004-181K	180 $\pm$ 10%	0.530	0.90
TPY1004-221K	220 $\pm$ 10%	0.730	0.80
TPY1004-271K	270 $\pm$ 10%	0.830	0.70
TPY1004-331K	330 $\pm$ 10%	0.990	0.65
TPY1004-391K	390 $\pm$ 10%	1.100	0.60
TPY1004-471K	470 $\pm$ 10%	1.250	0.55
TPY1004-561K	560 $\pm$ 10%	1.600	0.50
TPY1004-681K	680 $\pm$ 10%	1.800	0.45
TPY1004-821K	820 $\pm$ 10%	2.060	0.40
TPY1004-102K	1000 $\pm$ 10%	2.800	0.38

* Test Frequency : 100KHZ/0.1V



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