

UNSHIELDED SMD POWER INDUCTORS / TPY TYPE

FEATURES

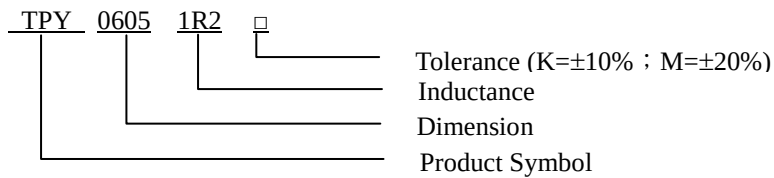
- ◆ Surface mount inductor with high current rating.
- ◆ Low resistance to keep power loss minimum.



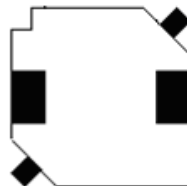
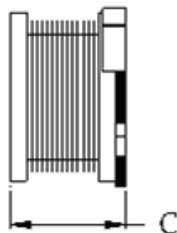
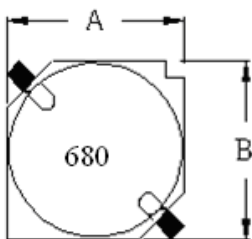
APPLICATIONS

- ◆ 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	4.9 ± 0.3	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR TPY0605

Part No.	Inductance (μ H)	RDC (Ω) MAX	IDC (A) MAX
TPY0605-1R2M	1.2 $\pm$ 20%	0.028	3.50
TPY0605-1R5M	1.5 $\pm$ 20%	0.030	3.00
TPY0605-2R2M	2.2 $\pm$ 20%	0.035	2.70
TPY0605-3R3M	3.3 $\pm$ 20%	0.042	2.50
TPY0605-4R7M	4.7 $\pm$ 20%	0.050	2.20
TPY0605-6R8M	6.8 $\pm$ 20%	0.060	2.00
TPY0605-100M	10 $\pm$ 20%	0.070	1.80
TPY0605-120M	12 $\pm$ 20%	0.080	1.60
TPY0605-150M	15 $\pm$ 20%	0.090	1.50
TPY0605-180M	18 $\pm$ 20%	0.095	1.30
TPY0605-220M	22 $\pm$ 20%	0.110	1.20
TPY0605-270M	27 $\pm$ 20%	0.130	1.10
TPY0605-330K	33 $\pm$ 10%	0.180	1.00
TPY0605-390K	39 $\pm$ 10%	0.2041	0.868
TPY0605-470K	47 $\pm$ 10%	0.2297	0.794
TPY0605-560K	56 $\pm$ 10%	0.3031	0.731
TPY0605-650K	65 $\pm$ 10%	0.3416	0.665
TPY0605-680K	68 $\pm$ 10%	0.3416	0.665
TPY0605-820K	82 $\pm$ 10%	0.4534	0.600
TPY0605-101K	100 $\pm$ 10%	0.430	0.55
TPY0605-121K	120 $\pm$ 10%	0.500	0.50
TPY0605-151K	150 $\pm$ 10%	0.620	0.45
TPY0605-181K	180 $\pm$ 10%	0.690	0.40
TPY0605-221K	220 $\pm$ 10%	0.890	0.38
TPY0605-271K	270 $\pm$ 10%	1.000	0.35
TPY0605-331K	330 $\pm$ 10%	1.400	0.32
TPY0605-391K	390 $\pm$ 10%	1.500	0.30
TPY0605-471K	470 $\pm$ 10%	2.000	0.28
TPY0605-561K	560 $\pm$ 10%	2.300	0.25
TPY0605-681K	680 $\pm$ 10%	3.200	0.20
TPY0605-821K	820 $\pm$ 10%	3.500	0.18
TPY0605-102K	1000 $\pm$ 10%	4.100	0.16

* Test Frequency : 100KHZ/0.1V



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