

UNSHIELDED SMD POWER INDUCTORS / TPY TYPE

FEATURES

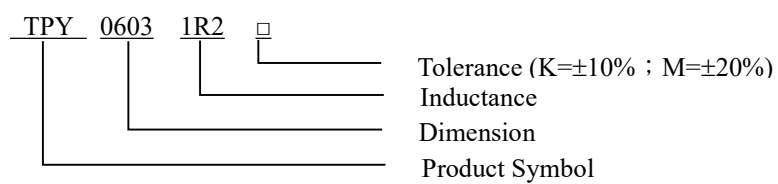
- ◆ Surface mount inductor with high current rating.
- ◆ Low resistance to keep power loss minimum.

APPLICATIONS

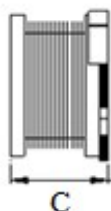
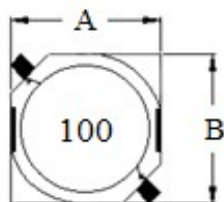
- ◆ DC/DC converters, etc.
- ◆ Various categories of consumer electronics.



ORDERING CODE



DIMENSIONS (UNIT:mm)



A	6.0 ± 0.2	m/m
B	6.0 ± 0.2	m/m
C	3.0 ± 0.2	m/m



CORE MASTER ENTERPRISE CO., LTD.

<http://www.coremaster.com.tw>

UNSHIELDED SMD POWER INDUCTORS / TPY TYPE

ELECTRICAL CHARACTERISTICS FOR TPY0603

Part No.	Inductance (μ H)	RDC (Ω) MAX	IDC (A) MAX
TPY0603-4R7 □	4.7	0.065	1.85
TPY0603-6R8 □	6.8	0.090	1.55
TPY0603-100 □	10	0.115	1.30
TPY0603-150 □	15	0.180	1.10
TPY0603-220 □	22	0.250	0.98
TPY0603-330 □	33	0.380	0.83
TPY0603-470 □	47	0.430	0.68
TPY0603-560 □	56	0.620	0.63
TPY0603-680 □	68	0.710	0.58
TPY0603-820 □	82	0.730	0.48
TPY0603-101 □	100	1.050	0.42

* Test Frequency : 100KHZ/0.1V



CORE MASTER ENTERPRISE CO., LTD.

<http://www.coremaster.com.tw>