

SHIELDED SMD POWER INDUCTORS / SRI TYPE

FEATURES

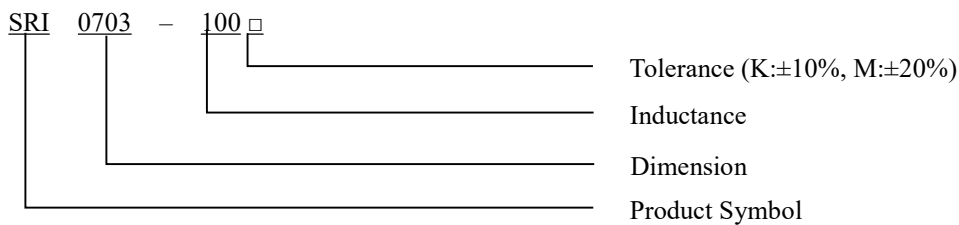
- ◆ Excellent solder ability and high heat resistance for flow soldering.
- ◆ For large current circuits due to its low DC resistance.
- ◆ Excellent in terminal strength due to its high performance ferrite core material and solder ability.



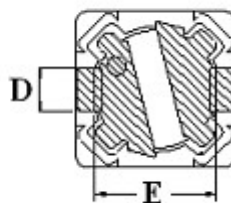
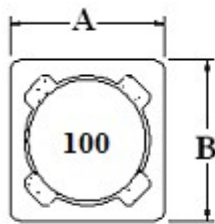
APPLICATIONS

- ◆ Modern power solutions.
- ◆ AI devices.
- ◆ DC/DC converters, etc.
- ◆ Various categories of consumer electronics.

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	7.3 ± 0.3	m/m
B	7.3 ± 0.3	m/m
C	3.4 (MAX)	m/m
D	2.0 (REF)	m/m
E	5.0 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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

SHIELDED SMD POWER INDUCTORS / SRI TYPE

ELECTRICAL CHARACTERISTICS FOR SRI0703

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SRI0703-1R0 □	1.0	0.020	7.00
SRI0703-1R5 □	1.5	0.028	6.00
SRI0703-2R2 □	2.2	0.032	4.50
SRI0703-3R3 □	3.3	0.040	4.20
SRI0703-4R7 □	4.7	0.055	3.35
SRI0703-6R8 □	6.8	0.065	3.00
SRI0703-100 □	10	0.076	2.30
SRI0703-120 □	12	0.100	2.20
SRI0703-150 □	15	0.130	2.00
SRI0703-180 □	18	0.150	1.80
SRI0703-220 □	22	0.190	1.50
SRI0703-330 □	33	0.280	1.20
SRI0703-390 □	39	0.340	0.90
SRI0703-470 □	47	0.450	0.80
SRI0703-560 □	56	0.500	0.70
SRI0703-680 □	68	0.520	0.61
SRI0703-820 □	82	0.690	0.55
SRI0703-101 □	100	0.790	0.50
SRI0703-151 □	150	1.000	0.46
SRI0703-181 □	180	1.100	0.39
SRI0703-221 □	220	1.650	0.38
SRI0703-271 □	270	2.310	0.36
SRI0703-331 □	330	2.620	0.35
SRI0703-471 □	470	4.180	0.32
SRI0703-681 □	680	5.730	0.30
SRI0703-821 □	820	7.000	0.27
SRI0703-102 □	1000	9.660	0.23

* 100uH 以上 Test Frequency : 1KHZ/1V

* 100uH 以下 Test Frequency : 100KHZ/0.1V



CORE MASTER ENTERPRISE CO., LTD.

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