

UNSHIELDED SMD POWER INDUCTORS / FPI TYPE

FEATURES

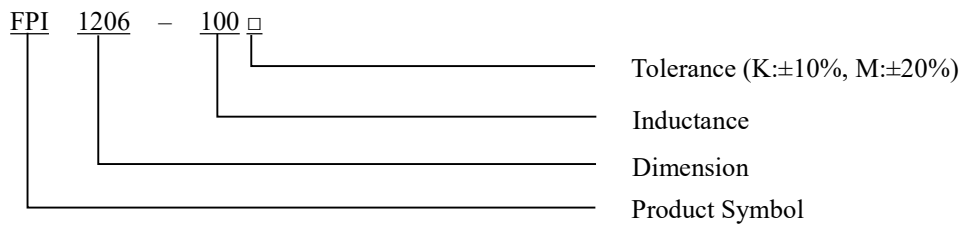
- ◆ Silver Plated Type
- ◆ High power and high saturation
- ◆ Ideal inductors for DC/DC conversion



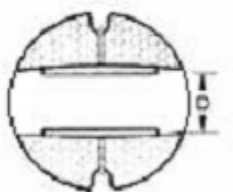
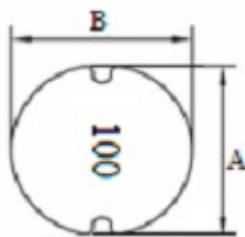
APPLICATIONS

- ◆ Smart home devices.
- ◆ DC/DC converter devices.
- ◆ Various categories of consumer electronics.

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	13.0 ± 0.5	m/m
B	13.0 ± 0.5	m/m
C	7.0 ± 0.3	m/m
D	4.5 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR FPI1206

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
FPI1206-1R5 □	1.5	0.005	22.00
FPI1206-2R2 □	2.2	0.008	20.00
FPI1206-3R3 □	3.3	0.009	17.00
FPI1206-4R7 □	4.7	0.012	15.00
FPI1206-5R6 □	5.6	0.015	13.00
FPI1206-6R8 □	6.8	0.017	11.50
FPI1206-8R2 □	8.2	0.019	10.80
FPI1206-100 □	10	0.023	10.20
FPI1206-150 □	15	0.034	8.00
FPI1206-180 □	18	0.040	7.50
FPI1206-220 □	22	0.052	7.00
FPI1206-330 □	33	0.070	5.50
FPI1206-470 □	47	0.082	4.70
FPI1206-560 □	56	0.112	4.30
FPI1206-680 □	68	0.135	4.00
FPI1206-820 □	82	0.140	3.70
FPI1206-101 □	100	0.180	3.20
FPI1206-121 □	120	0.230	3.00
FPI1206-151 □	150	0.260	2.70
FPI1206-181 □	180	0.350	2.40
FPI1206-221 □	220	0.380	2.20
FPI1206-271 □	270	0.480	1.90
FPI1206-331 □	330	0.520	1.70
FPI1206-391 □	390	0.650	1.60
FPI1206-471 □	470	0.800	1.50
FPI1206-561 □	560	1.100	1.30
FPI1206-681 □	680	1.150	1.20
FPI1206-821 □	820	1.600	1.10
FPI1206-102 □	1000	1.700	1.00

* 100uH 以上 Test Frequency : 1KHZ/1V

* 100uH 以下 Test Frequency : 2.52MHZ/1V



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