

UNSHIELDED SMD POWER INDUCTORS / FPI TYPE

FEATURES

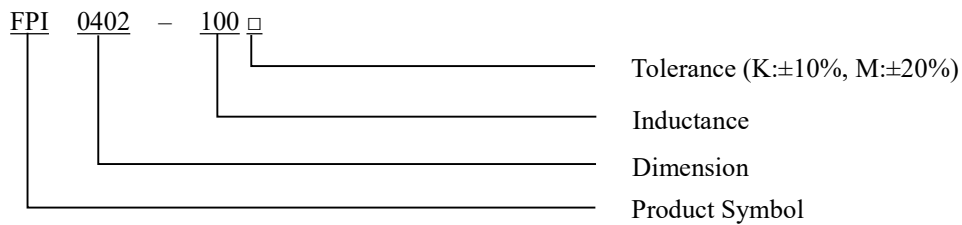
- ◆ Silver Plated Type
- ◆ High power and high saturation
- ◆ Ideal inductors for DC/DC conversion



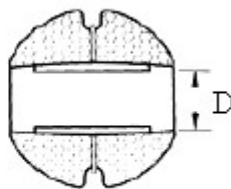
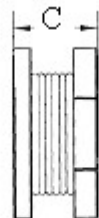
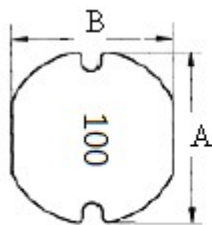
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	4.5 ± 0.3	m/m
B	4.0 ± 0.3	m/m
C	2.1 ± 0.3	m/m
D	1.2 (REF)	m/m



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ELECTRICAL CHARACTERISTICS FOR FPI0402

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
FPI0402-1R0 □	1.0	0.020	5.40
FPI0402-1R5 □	1.5	0.025	4.57
FPI0402-2R2 □	2.2	0.036	3.50
FPI0402-3R3 □	3.3	0.051	2.80
FPI0402-4R7 □	4.7	0.063	2.60
FPI0402-6R8 □	6.8	0.108	2.05
FPI0402-100 □	10	0.140	1.70
FPI0402-150 □	15	0.230	1.35
FPI0402-220 □	22	0.360	1.17
FPI0402-330 □	33	0.530	0.94
FPI0402-470 □	47	0.760	0.79
FPI0402-680 □	68	0.860	0.65
FPI0402-101 □	100	1.310	0.54

* 100uH 以上 Test Frequency : 1KHZ/1V

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



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