

# UNSHIELDED SMD POWER INDUCTORS / FPI TYPE

## FEATURES

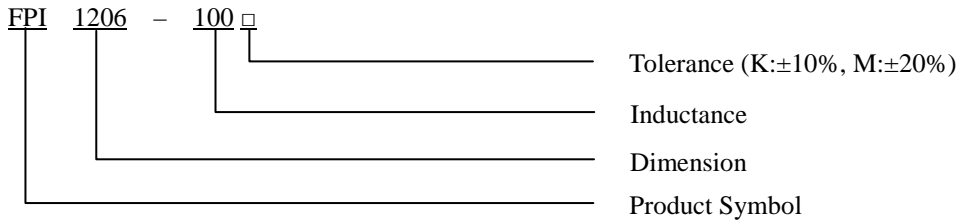
- ◆ Silver Plated Type
- ◆ High power and high saturation
- ◆ Ideal inductors for DC/DC conversion



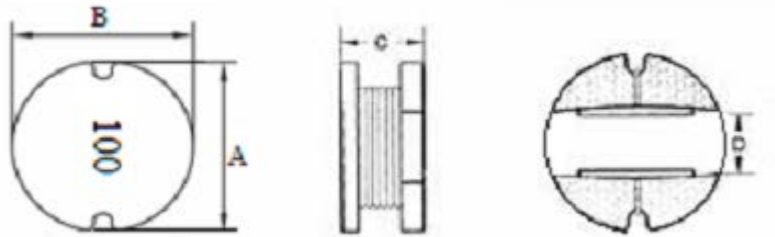
## APPLICATIONS

- ◆ Power supply for VTRs.
- ◆ Portable communication equipment.
- ◆ Notebook PCs.
- ◆ LCD televisions.
- ◆ DC/DC converters, etc.

## ORDERING CODE



## DIMENSIONS (UNIT: mm)



A	$13.0 \pm 0.5$	m/m
B	$13.0 \pm 0.5$	m/m
C	$7.0 \pm 0.3$	m/m
D	4.5 (REF)	m/m

## UNSHIELDED SMD POWER INDUCTORS / FPI TYPE

### ELECTRICAL CHARACTERISTICS FOR FPI1206

Part No.	Inductance (uH)	RDC ( $\Omega$ )	IDC (A)
FPI1206-1R5 □	1.5	0.0050	22
FPI1206-2R2 □	2.2	0.0080	20
FPI1206-2R7 □	2.7	0.0080	18
FPI1206-3R3 □	3.3	0.0087	17
FPI1206-4R7 □	4.7	0.0118	15
FPI1206-5R6 □	5.6	0.015	13
FPI1206-6R8 □	6.8	0.017	11.5
FPI1206-8R2 □	8.2	0.019	10.8
FPI1206-100 □	10	0.023	10.2
FPI1206-120 □	12	0.030	9.0
FPI1206-150 □	15	0.034	8.0
FPI1206-180 □	18	0.040	7.5
FPI1206-220 □	22	0.052	7.0
FPI1206-270 □	27	0.060	6.0
FPI1206-330 □	33	0.070	5.5
FPI1206-390 □	39	0.075	5.1
FPI1206-470 □	47	0.082	4.7
FPI1206-560 □	56	0.112	4.3
FPI1206-680 □	68	0.135	4.0
FPI1206-820 □	82	0.140	3.7
FPI1206-101 □	100	0.180	3.2
FPI1206-121 □	120	0.230	3.0
FPI1206-151 □	150	0.260	2.7
FPI1206-181 □	180	0.350	2.4
FPI1206-221 □	220	0.380	2.2
FPI1206-271 □	270	0.480	1.9
FPI1206-331 □	330	0.520	1.7
FPI1206-391 □	390	0.650	1.6
FPI1206-471 □	470	0.800	1.5
FPI1206-561 □	560	1.100	1.3
FPI1206-681 □	680	1.150	1.2
FPI1206-821 □	820	1.600	1.1
FPI1206-102 □	1000	1.700	1.0

\* 100uH 以上 Test Frequency : 1KHZ/1V

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

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