

# SHIELDED SMD POWER INDUCTORS / FPI (S) TYPE

## FEATURES

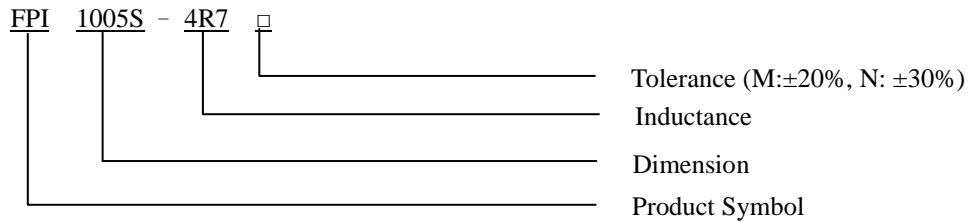
- ◆ Excellent solderability and high Heat resistance
- ◆ Excellent terminal strength construction
- ◆ Shielded with magnetic resin
- ◆ Closed magnetic design



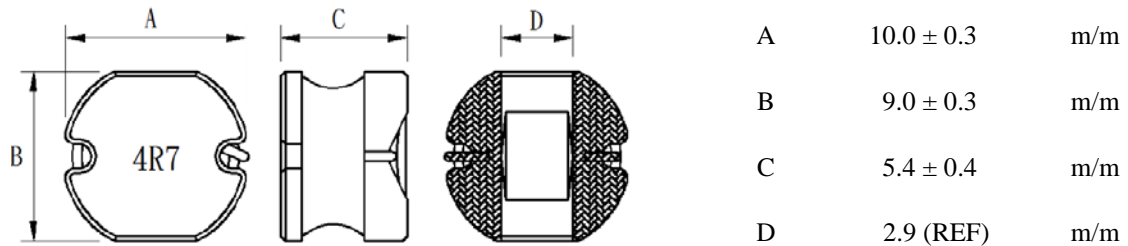
## APPLICATIONS

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

## ORDERING CODE



## DIMENSIONS (UNIT: mm)



CORE MASTER ENTERPRISE CO., LTD.



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### ELECTRICAL CHARACTERISTICS FOR FPI1005S

Part No.	Inductance (uH)	RDC ( $\Omega$ )	IDC (A)
FPI1005S-1R5 □	1.5	0.008	12.00
FPI1005S-2R2 □	2.2	0.010	9.20
FPI1005S-3R3 □	3.3	0.013	7.50
FPI1005S-4R7 □	4.7	0.022	7.00
FPI1005S-6R8 □	6.8	0.027	5.70
FPI1005S-100 □	10	0.035	4.80
FPI1005S-150 □	15	0.050	3.80
FPI1005S-220 □	22	0.073	3.00
FPI1005S-330 □	33	0.093	2.50
FPI1005S-470 □	47	0.128	2.10
FPI1005S-560 □	56	0.150	2.00
FPI1005S-680 □	68	0.210	1.80
FPI1005S-101 □	100	0.300	1.50
FPI1005S-151 □	150	0.500	1.20
FPI1005S-221 □	220	0.750	1.00
FPI1005S-331 □	330	1.100	0.80

\* Test Frequency : 100KHZ/0.25V



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