

SHIELDED SMD POWER INDUCTORS / SDI TYPE

FEATURES

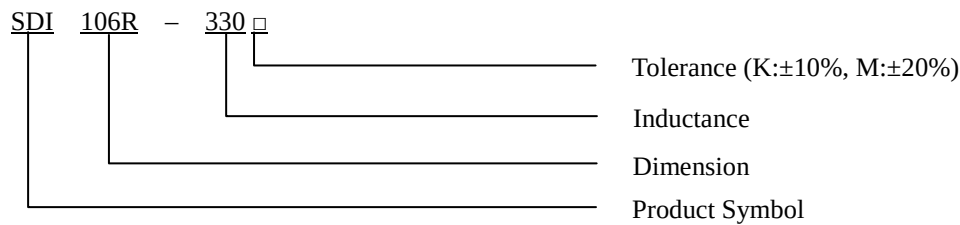
- ◆ Ideal inductors for DC-DC conversion
- ◆ With magnetic shield against radiation
- ◆ High power and high saturation inductors
- ◆ Directly connected electrode on ferrite core



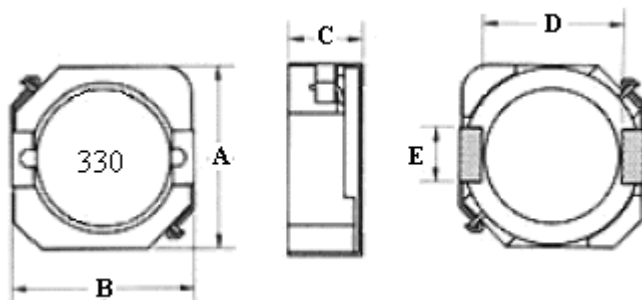
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	10.3 (MAX)	m/m
B	10.5 (MAX)	m/m
C	6.0 (MAX)	m/m
D	7.7 (REF)	m/m
E	3.0 (REF)	m/m

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ELECTRICAL CHARACTERISTICS FOR SDI106R

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SDI106R -3R3 □	3.3	0.010	7.50
SDI106R -4R7 □	4.7	0.018	5.60
SDI106R -6R8 □	6.8	0.022	5.30
SDI106R -8R2 □	8.2	0.023	4.50
SDI106R -100 □	10	0.025	4.20
SDI106R -120 □	12	0.027	3.60
SDI106R -150 □	15	0.031	3.00
SDI106R -180 □	18	0.041	3.00
SDI106R -220 □	22	0.055	2.50
SDI106R -330 □	33	0.085	2.20
SDI106R -470 □	47	0.115	1.80
SDI106R -680 □	68	0.150	1.40
SDI106R -820 □	82	0.180	1.20
SDI106R -101 □	100	0.200	1.10
SDI106R -121 □	120	0.210	1.00
SDI106R -151 □	150	0.250	1.00
SDI106R -181 □	180	0.250	0.85
SDI106R -221 □	220	0.400	0.80
SDI106R -331 □	330	0.500	0.70
SDI106R -681 □	680	0.950	0.40
SDI106R -821 □	820	1.500	0.40
SDI106R -102 □	1000	1.550	0.30

*100uH 以上 Test Frequency : 1KHZ/1V

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