

# SHIELDED SMD POWER INDUCTORS / SDS TYPE

## FEATURES

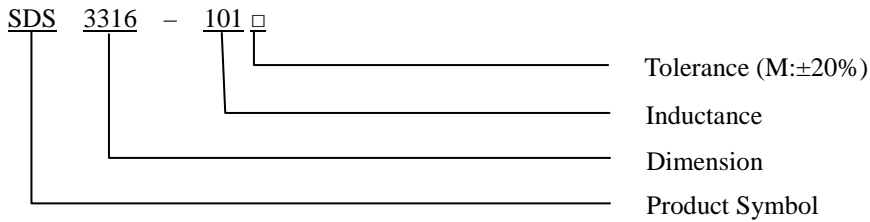
- ◆ With magnetic shield against radiation
- ◆ SDS 1608 used ceramic base with gold-plating
- ◆ Other used LCP plastic base



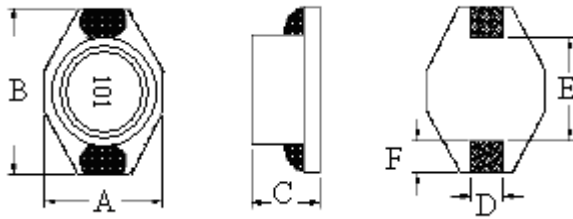
## APPLICATIONS

- ◆ Portable telephones.
- ◆ Personal computers.
- ◆ DC/DC converters, etc.
- ◆ Other various electronic appliances.

## ORDERING CODE



## DIMENSIONS (UNIT: mm)



A	9.40 (MAX)	m/m
B	12.95 (MAX)	m/m
C	5.21 (MAX)	m/m
D	2.54 (REF)	m/m
E	7.62 (REF)	m/m
F	2.54 (REF)	m/m

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### ELECTRICAL CHARACTERISTICS FOR SDS3316

Part No.	Inductance (uH)	RDC ( $\Omega$ )	IDC (A)
SDS3316-1R0 □	1.0	0.021	16.00
SDS3316-2R2 □	2.2	0.030	10.50
SDS3316-100 □	10	0.145	5.00
SDS3316-220 □	22	0.200	3.40
SDS3316-330 □	33	0.400	2.60
SDS3316-101 □	100	1.110	1.45
SDS3316-151 □	150	1.550	1.25
SDS3316-221 □	220	2.000	1.00
SDS3316-681 □	680	5.010	0.23

\* 100uH 以上 Test Frequency : 1KHZ/1V

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