

SHIELDED SMD POWER INDUCTORS / SDS TYPE

FEATURES

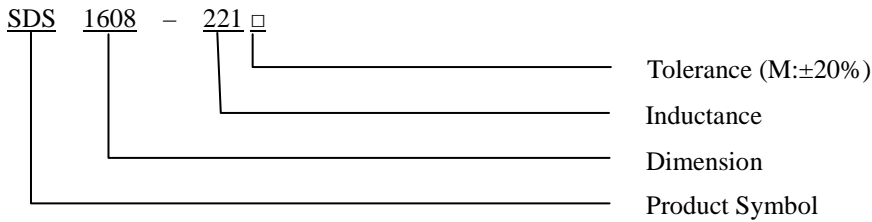
- ◆ With magnetic shield against radiation
- ◆ SDS 1608 used ceramic base with gold-plating
- ◆ Other used LCP plastic base



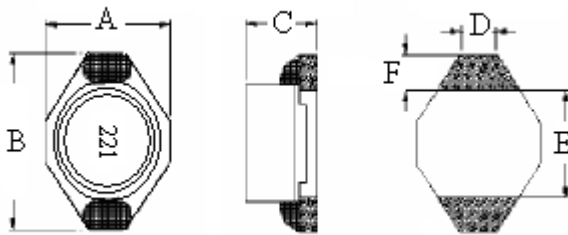
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	4.45 (MAX)	m/m
B	6.50 (MAX)	m/m
C	2.92 (MAX)	m/m
D	1.27 (REF)	m/m
E	4.32 (REF)	m/m
F	1.02 (REF)	m/m

CORE MASTER ENTERPRISE CO., LTD.



<http://www.coremaster.com.tw>

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ELECTRICAL CHARACTERISTICS FOR SDS1608

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SDS1608-1R0 □	1.0	0.040	1.80
SDS1608-1R5 □	1.5	0.045	1.70
SDS1608-2R2 □	2.2	0.050	1.20
SDS1608-3R3 □	3.3	0.055	0.90
SDS1608-4R7 □	4.7	0.060	0.70
SDS1608-6R8 □	6.8	0.070	0.60
SDS1608-100 □	10	0.075	0.45
SDS1608-150 □	15	0.090	0.40
SDS1608-220 □	22	0.120	0.38
SDS1608-270 □	27	0.170	0.30
SDS1608-330 □	33	0.190	0.20
SDS1608-470 □	47	0.230	0.18
SDS1608-680 □	68	0.350	0.16
SDS1608-101 □	100	0.430	0.15
SDS1608-151 □	150	0.590	0.13
SDS1608-221 □	220	1.200	0.11
SDS1608-331 □	330	1.400	0.10
SDS1608-391 □	390	2.000	0.09
SDS1608-471 □	470	2.500	0.08

* 100uH 以上 Test Frequency : 1KHZ/1V

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