

SHIELDED SMD POWER INDUCTORS / SDS TYPE

FEATURES

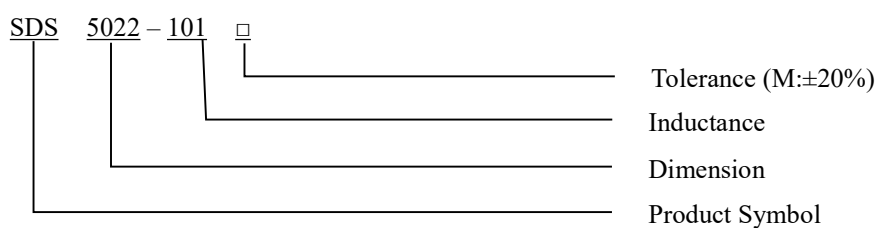
- ◆ With magnetic shield against radiation
- ◆ SDS 1608 used ceramic base with gold-plating
- ◆ Other used LCP plastic base



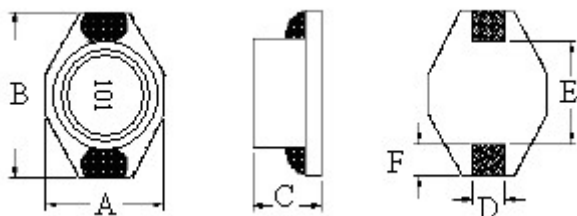
APPLICATIONS

- ◆ Industrial equipment.
- ◆ DC/DC converters, etc.
- ◆ Various categories of consumer electronics.

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	15.24 (MAX)	m/m
B	18.54 (MAX)	m/m
C	7.11 (MAX)	m/m
D	2.54 (REF)	m/m
E	12.70 (REF)	m/m
F	2.54 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR SDS5022

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SDS5022-4R7 □	4.7	0.025	12.00
SDS5022-8R2 □	8.2	0.035	9.60
SDS5022-100 □	10	0.040	8.30
SDS5022-150 □	15	0.048	7.50
SDS5022-220 □	22	0.070	5.80
SDS5022-330 □	33	0.085	5.00
SDS5022-470 □	47	0.100	4.00
SDS5022-680 □	68	0.180	3.50
SDS5022-101 □	100	0.200	3.00
SDS5022-151 □	150	0.293	2.00
SDS5022-221 □	220	0.470	1.90
SDS5022-331 □	330	0.780	1.50
SDS5022-471 □	470	1.200	1.30
SDS5022-102 □	1000	1.900	0.87
SDS5022-4R7 □	4.7	0.025	12.00
SDS5022-8R2 □	8.2	0.035	9.60
SDS5022-100 □	10	0.040	8.30
SDS5022-150 □	15	0.048	7.50
SDS5022-220 □	22	0.070	5.80
SDS5022-330 □	33	0.085	5.00

* 100uH 以上 Test Frequency : 1KHZ/1V

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



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