

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

- ◆ Notebook
- ◆ Digital camera & scanner
- ◆ CD-Rom & DVD DC/DC converter

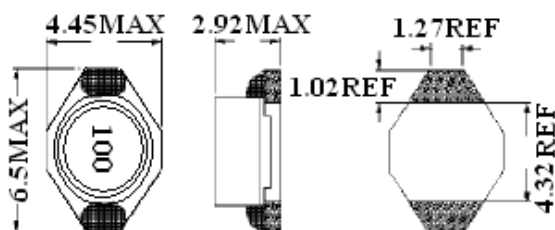


ORDERING CODE

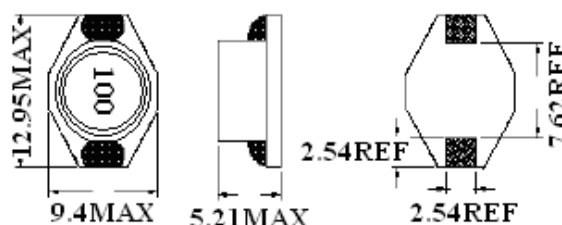
SDS	1608	-	100	□	
					Tolerance (M:±20%)
					Inductance
					Dimension
					Product Symbol

SHAPES

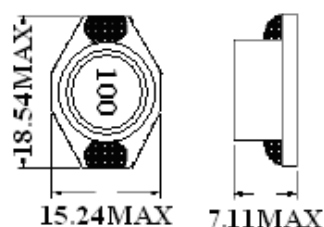
SDS1608 TYPE:



SDS3316 TYPE:



SDS5022 TYPE:



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ELECTRICAL CHARACTERISTICS FOR SDS1608

Part No.	Inductance (μ H)	RDC (Ω)	IDC (A)
SDS1608-1R0 □	1.0	0.040	1.800
SDS1608-1R5 □	1.5	0.045	1.700
SDS1608-2R2 □	2.2	0.050	1.200
SDS1608-3R3 □	3.3	0.050	0.900
SDS1608-4R7 □	4.7	0.055	0.700
SDS1608-6R8 □	6.8	0.070	0.600
SDS1608-100 □	10	0.075	0.450
SDS1608-150 □	15	0.090	0.400
SDS1608-220 □	22	0.120	0.380
SDS1608-270 □	27	0.170	0.300
SDS1608-330 □	33	0.190	0.200
SDS1608-470 □	47	0.230	0.180
SDS1608-680 □	68	0.350	0.160
SDS1608-101 □	100	0.430	0.150
SDS1608-151 □	150	0.590	0.130
SDS1608-221 □	220	1.200	0.100
SDS1608-331 □	330	1.400	0.090
SDS1608-391 □	390	2.000	0.090
SDS1608-471 □	470	2.500	0.080

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ELECTRICAL CHARACTERISTICS FOR SDS3316

Part No.	Inductance (uH)	RDC (Ω)	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

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

* 100uH 以上 Test Frequency : 1KHZ/1V

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