

UNSHIELDED SMD POWER INDUCTORS / SDR TYPE

FEATURES

- ◆ Low DC resistance and for large currents & low profile.

APPLICATIONS

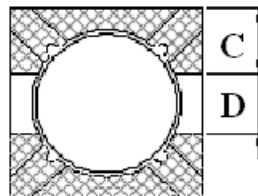
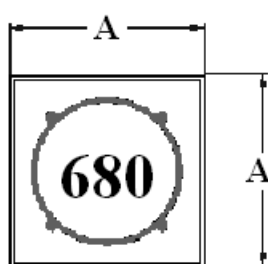
- ◆ Power supply for VTRs.
- ◆ Portable communication equipment.
- ◆ Notebook PCs.
- ◆ LCD televisions.
- ◆ DC/DC converters, etc.



ORDERING CODE

SDR	5012	- 1R5	M	
				Tolerance (M:±20%)
				Inductance
				Dimension
				Product Symbol

DIMENSIONS (UNIT: mm)



A	5.20 (MAX)	m/m
B	1.20 (MAX)	m/m
C	1.50 (MAX)	m/m
D	2.00 (MAX)	m/m

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ELECTRICAL CHARACTERISTICS FOR SDR5012

Part No.	Inductance (μ H)	DC Resistance (Ω) Max	IDC (A) Max
SDR5012-2R2M	2.2	0.0747	1.800
SDR5012-3R3M	3.3	0.1200	1.420
SDR5012-4R7M	4.7	0.2300	1.290
SDR5012-6R2M	6.2	0.2700	1.080
SDR5012-6R8M	6.8	0.2800	1.000
SDR5012-8R2M	8.2	0.3700	0.931
SDR5012-100M	10	0.4800	0.818
SDR5012-150M	15	0.5500	0.692
SDR5012-220M	22	0.9200	0.574
SDR5012-330M	33	1.3700	0.520
SDR5012-470M	47	1.7200	0.391
SDR5012-680M	68	2.1600	0.325
SDR5012-820M	82	2.3600	0.297
SDR5012-101M	100	2.6400	0.273
SDR5012-151M	150	3.9600	0.220
SDR5012-221M	220	4.7600	0.181
SDR5012-331M	330	7.2500	0.148
SDR5012-471M	470	15.000	0.126

* Test Frequency : 100KHZ/0.1V