

UNSHIELDED SMD POWER INDUCTORS / SDR TYPE

FEATURES

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

APPLICATIONS

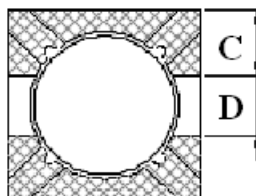
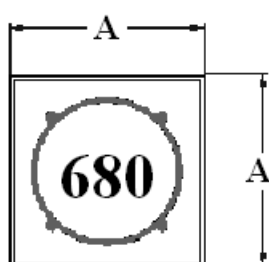
- ◆ Power supply for VTRs.
- ◆ Portable communication equipment.
- ◆ Notebook PCs.
- ◆ LCD televisions.
- ◆ DC/DC converters, etc.



ORDERING CODE

SDR	5025	- 1R5	M	
				Tolerance (M:±20%)
				Inductance
				Dimension
				Product Symbol

DIMENSIONS (UNIT: mm)



A	5.20 (MAX)	m/m
B	2.50 (MAX)	m/m
C	2.00 (MAX)	m/m
D	2.00 (MAX)	m/m

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ELECTRICAL CHARACTERISTICS FOR SDR5025

Part No.	Inductance (μ H)	DC Resistance (Ω) Max	IDC (A) Max
SDR5025-R47M	0.47	0.0177	6.000
SDR5025-R82M	0.82	0.0208	4.670
SDR5025-1R2M	1.20	0.0240	3.810
SDR5025-1R5M	1.50	0.0274	3.230
SDR5025-2R2M	2.20	0.0320	2.800
SDR5025-3R3M	3.30	0.0490	2.210
SDR5025-4R7M	4.70	0.0600	1.830
SDR5025-6R8M	6.80	0.0920	1.560
SDR5025-100M	10	0.1300	1.270
SDR5025-150M	15	0.2400	1.080
SDR5025-220M	22	0.3100	0.857
SDR5025-330M	33	0.5500	0.710
SDR5025-470M	47	0.6100	0.592
SDR5025-680M	68	0.8300	0.482
SDR5025-820M	82	1.0100	0.441
SDR5025-101M	100	1.2500	0.398
SDR5025-151M	150	1.7200	0.328
SDR5025-221M	220	2.1800	0.268
SDR5025-331M	330	3.4200	0.219
SDR5025-471M	470	4.9300	0.184
SDR5025-681M	680	5.3200	0.154
SDR5025-102M	1000	5.7000	0.100

* Test Frequency : 100KHZ/0.1V



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