

UNSHIELDED SMD POWER INDUCTORS / SDR TYPE

FEATURES

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

APPLICATIONS

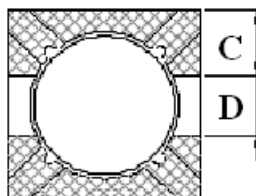
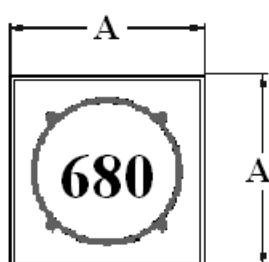
- ◆ Power supply for VTRs.
- ◆ Portable communication equipment.
- ◆ Notebook PCs.
- ◆ LCD televisions.
- ◆ DC/DC converters, etc.



ORDERING CODE

SDR	5828	- 1R5	M	
				Tolerance (M:±20%)
				Inductance
				Dimension
				Product Symbol

DIMENSIONS (UNIT: mm)



A	6.10 (MAX)	m/m
B	3.00 (MAX)	m/m
C	1.90 (MAX)	m/m
D	2.00 (MAX)	m/m

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ELECTRICAL CHARACTERISTICS FOR SDR5828

Part No.	Inductance (μ H)	DC Resistance (Ω) Max	IDC (A) Max
SDR5828-2R6M	2.6	0.030	2.70
SDR5828-3R0M	3.0	0.030	2.50
SDR5828-4R2M	4.2	0.035	2.20
SDR5828-5R3M	5.3	0.040	1.90
SDR5828-6R2M	6.2	0.045	1.80
SDR5828-8R2M	8.2	0.075	1.60
SDR5828-100M	10	0.070	1.40
SDR5828-120M	12	0.080	1.25
SDR5828-150M	15	0.100	1.15
SDR5828-180M	18	0.110	1.10
SDR5828-220M	22	0.240	0.80
SDR5828-330M	33	0.310	0.78
SDR5828-390M	39	0.430	0.72
SDR5828-470M	47	0.490	0.65
SDR5828-560M	56	0.550	0.60
SDR5828-680M	68	0.760	0.56
SDR5828-820M	82	0.810	0.50
SDR5828-101M	100	0.840	0.45
SDR5828-151M	150	0.900	0.35
SDR5828-221M	220	1.250	0.30
SDR5828-331M	330	2.000	0.20
SDR5828-681M	680	4.300	0.14

* Test Frequency : 100KHZ/0.1V



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