

UNSHIELDED SMD POWER INDUCTORS / SDR TYPE

FEATURES

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

APPLICATIONS

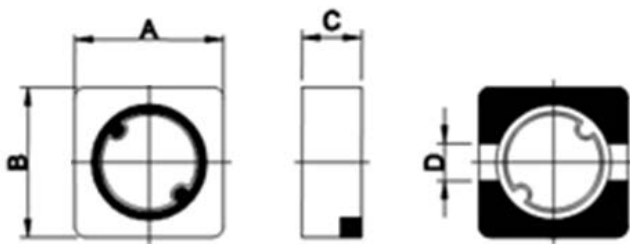
- ◆ Power supply for VTRs.
- ◆ Portable communication equipment.
- ◆ Notebook PCs.
- ◆ LCD televisions.
- ◆ DC/DC converters, etc.



ORDERING CODE

SDR	5030	- 2R2	M	
				Tolerance (M:±20%)
				Inductance
				Dimension
				Product Symbol

DIMENSIONS (UNIT: mm)



A	5.30 (MAX)	m/m
B	5.30 (MAX)	m/m
C	3.00 (MAX)	m/m
D	2.00 (MAX)	m/m

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ELECTRICAL CHARACTERISTICS FOR SDR5030

Part No.	Inductance (μ H)	Test Frequency	DC Resistance (Ω) Max	IDC (A) Max
SDR5030-1R0	1.0	100KHz / 0.25V	0.015	4.00
SDR5030-1R1	1.1	100KHz / 0.25V	0.020	3.87
SDR5030-1R2	1.2	100KHz / 0.25V	0.022	3.80
SDR5030-2R0	2.0	100KHz / 0.25V	0.027	2.92
SDR5030-2R2	2.2	100KHz / 0.25V	0.029	2.41
SDR5030-3R3	3.3	100KHz / 0.25V	0.034	2.36
SDR5030-4R7	4.7	100KHz / 0.25V	0.045	1.87
SDR5030-5R6	5.6	100KHz / 0.25V	0.052	1.60
SDR5030-6R8	6.8	100KHz / 0.25V	0.068	1.51
SDR5030-8R2	8.2	100KHz / 0.25V	0.084	1.38
SDR5030-100	10	1KHz / 0.25V	0.090	1.33
SDR5030-120	12	1KHz / 0.25V	0.125	1.08
SDR5030-150	15	1KHz / 0.25V	0.142	1.05
SDR5030-180	18	1KHz / 0.25V	0.160	0.95
SDR5030-220	22	1KHz / 0.25V	0.208	0.86
SDR5030-270	27	1KHz / 0.25V	0.222	0.75
SDR5030-330	33	1KHz / 0.25V	0.257	0.72
SDR5030-470	47	1KHz / 0.25V	0.352	0.62
SDR5030-680	68	1KHz / 0.25V	0.525	0.51
SDR5030-101	100	1KHz / 0.25V	0.801	0.43
SDR5030-121	120	1KHz / 0.25V	0.850	0.34
SDR5030-151	150	1KHz / 0.25V	1.100	0.26
SDR5030-181	180	1KHz / 0.25V	1.190	0.24
SDR5030-221	220	1KHz / 0.25V	1.530	0.20
SDR5030-331	330	1KHz / 0.25V	2.030	0.19
SDR5030-391	390	1KHz / 0.25V	3.000	0.16
SDR5030-471	470	1KHz / 0.25V	3.500	0.15
SDR5030-561	560	1KHz / 0.25V	4.450	0.14

CORE MASTER ENTERPRISE CO., LTD.

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