



SDC4D28C SERIES~ SMD Shielded Power Inductors

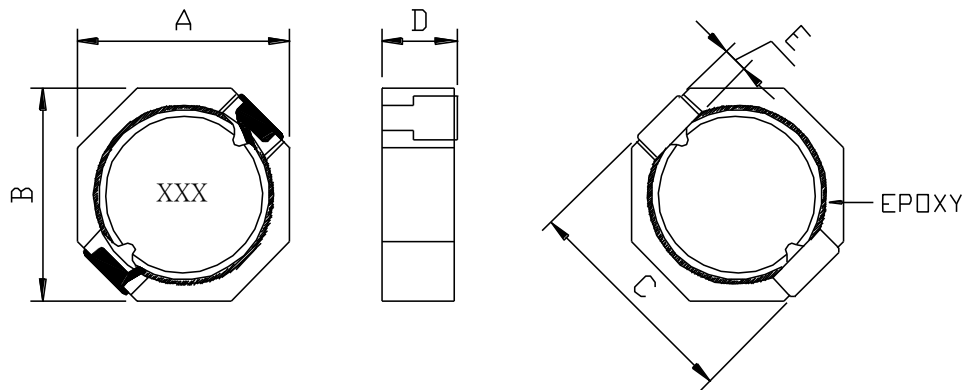


PART NUMBERING SYSTEM

SDC	4D28C	—	1R1N	—	LF
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

SHAPES AND DIMENSIONS

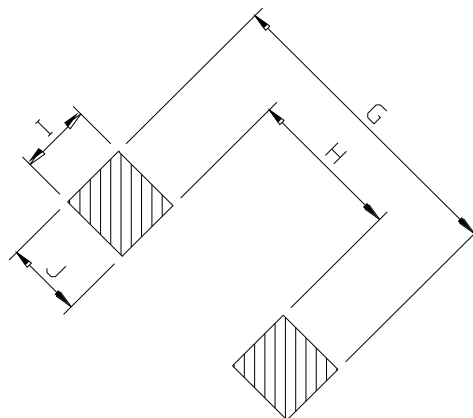
UNIT : mm



A=5.10 max. B=5.10 max. C=6.20 max. D=3.0 max. E=0.60 REF

RECOMMENDED PATTERNS

UNIT : mm



G= 6.5 H= 4.0 I=

2.0 J= 1.25

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SPECIFICATION TABLE

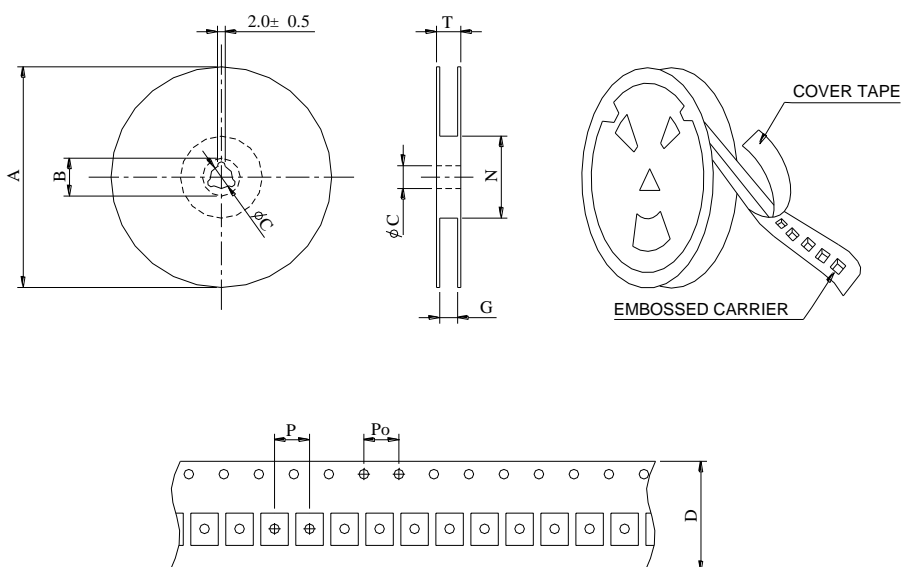
PART NUMBER	INDUCTANCE (μ H)	DCR (m Ω) (max)	Isat (mA) (max)	TEST FREQ. (f)
SDC4D28C-1R1N-LF	1.1 \pm 30%	22	3800	100KHz
SDC4D28C-2R0N-LF	2.0 \pm 30%	29	2600	100KHz
SDC4D28C-3R2N-LF	3.2 \pm 30%	42	2300	100KHz
SDC4D28C-4R7N-LF	4.7 \pm 30%	63	1800	100KHz
SDC4D28C-6R3N-LF	6.3 \pm 30%	94	1300	100KHz
SDC4D28C-100N-LF	10 \pm 25%	106	1260	100KHz
SDC4D28C-150N-LF	15 \pm 25%	137	1050	100KHz
SDC4D28C-220N-LF	22 \pm 25%	207	850	100KHz
SDC4D28C-330N-LF	33 \pm 25%	331	700	100KHz
SDC4D28C-470N-LF	47 \pm 25%	510	540	100KHz
SDC4D28C-680N-LF	68 \pm 25%	625	490	100KHz
SDC4D28C-101N-LF	100 \pm 25%	948	400	100KHz

- Isat: DC current at which the inductance drops 35% (typ) from its value without current.
- Storage temperature range : - 40°C to + 125°C
- Operating temperature range : - 40°C to + 125°C (Range in application specific)
- Electrical specifications at 25°C

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PACKAGING SPECIFICATION



SERIES	STAYLE	Q'TY (PCS)	DIMENSIONS (m/m)								
			A	B±0.8	C±0.5	D	G ⁺⁰	N ⁰	P	Po	T
SDC4D28C	13-16	2000	330	21	13	16	18	50	8	4	22.4