

SDC4D14HP SERIES

Low Profile Shielded Power Inductors



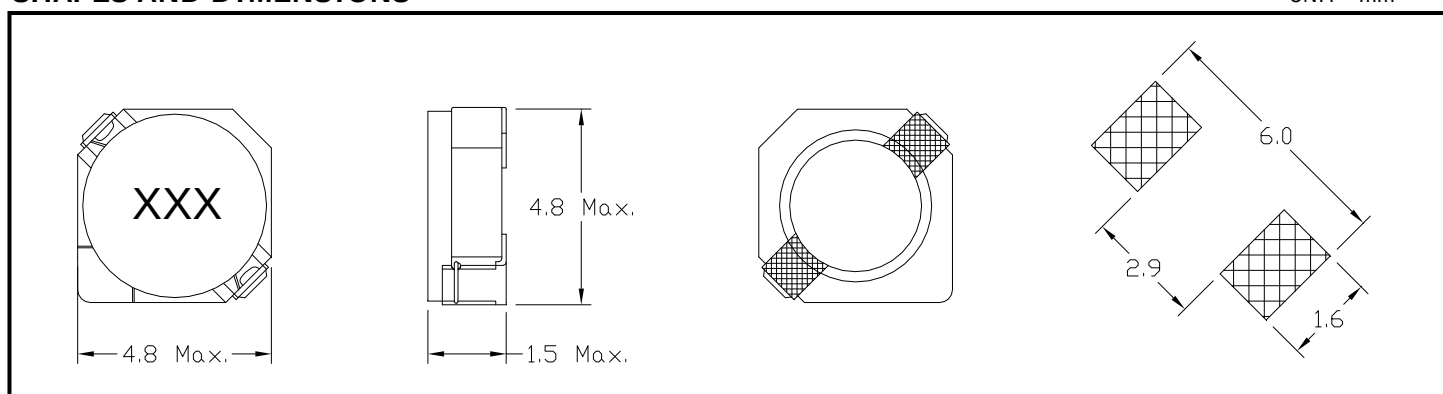
RoHS Compliant

PART NUMBERING SYSTEM

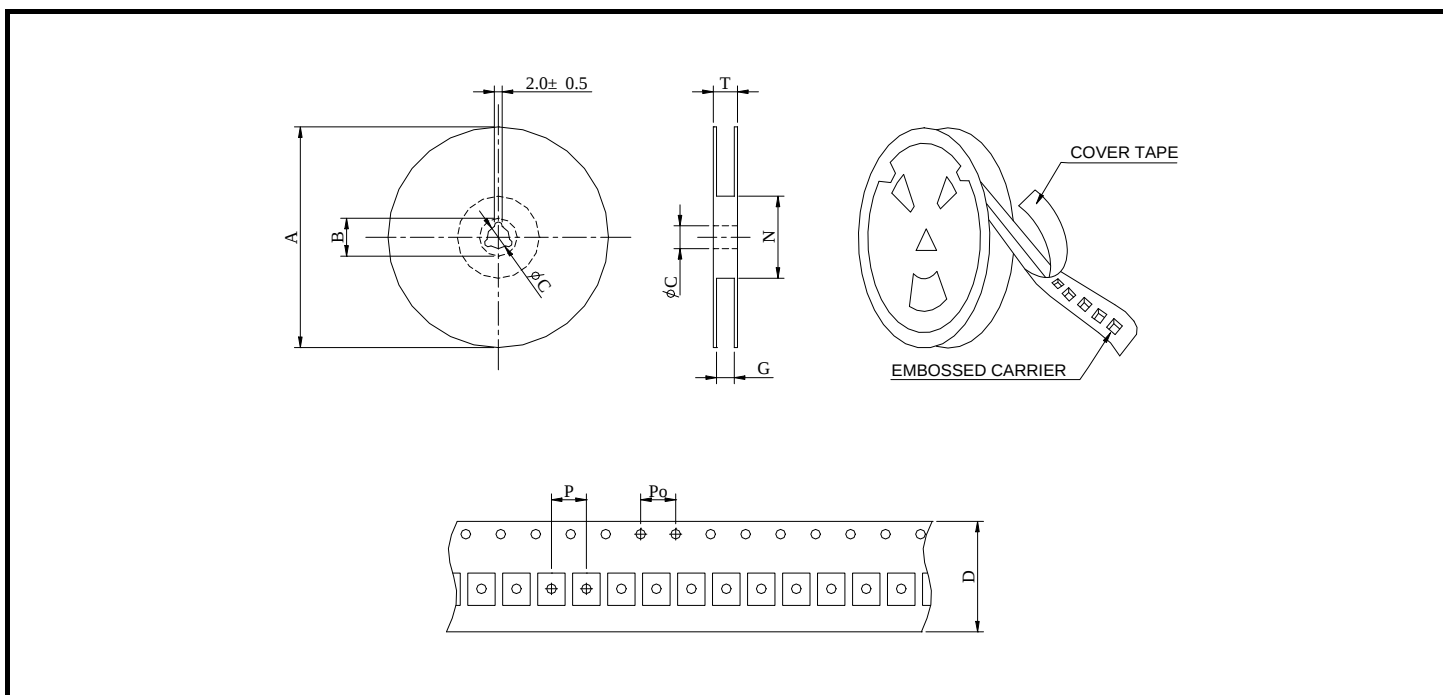
<u>SDC</u>	<u>4D14HP</u>	—	<u>3R3N</u>	—	<u>LF</u>
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

SHAPES AND DIMENSIONS

UNIT : mm



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
SDC4D14HP	13-16	2000	330	21	13	16	18	50	8	4	22.4

SDC4D14HP SERIES

Low Profile Shielded Power Inductors



RoHS Compliant

SPECIFICATION TABLE

PART NUMBER	INDUCTANCE (μ H)	DCR (m Ω) (Max.)	Isat (A) (Max.)	Irms (A) (Max.)	TEST FREQ. (f)
SDC4D14HP-1R8N-LF	1.8 $\pm$ 30%	50	2.25	2.30	100KHz
SDC4D14HP-2R4N-LF	2.4 $\pm$ 30%	70	2.00	1.80	100KHz
SDC4D14HP-3R0N-LF	3.0 $\pm$ 30%	91	1.80	1.60	100KHz
SDC4D14HP-4R7N-LF	4.7 $\pm$ 30%	140	1.40	1.10	100KHz
SDC4D14HP-6R8N-LF	6.8 $\pm$ 30%	190	1.15	0.92	100KHz
SDC4D14HP-100N-LF	10 $\pm$ 30%	280	0.95	0.75	100KHz
SDC4D14HP-150N-LF	15 $\pm$ 30%	410	0.75	0.62	100KHz
SDC4D14HP-220N-LF	22 $\pm$ 30%	620	0.62	0.52	100KHz
SDC4D14HP-330N-LF	33 $\pm$ 30%	930	0.51	0.39	100KHz

- Isat : DC current at which the inductance drops 35% (typ) from its value without current.
- Irms: The actual current when temperature of coil becomes $\Delta 40^{\circ}\text{C}$. (Ta=+25°C)
- Operating temperature range -40°C to +125°C , Electrical specifications at 25°C.
- Packing : 13" reel, machine-ready ,embossed plastic tape (2,000 parts per full reel).