



# SDC5D28 SERIES

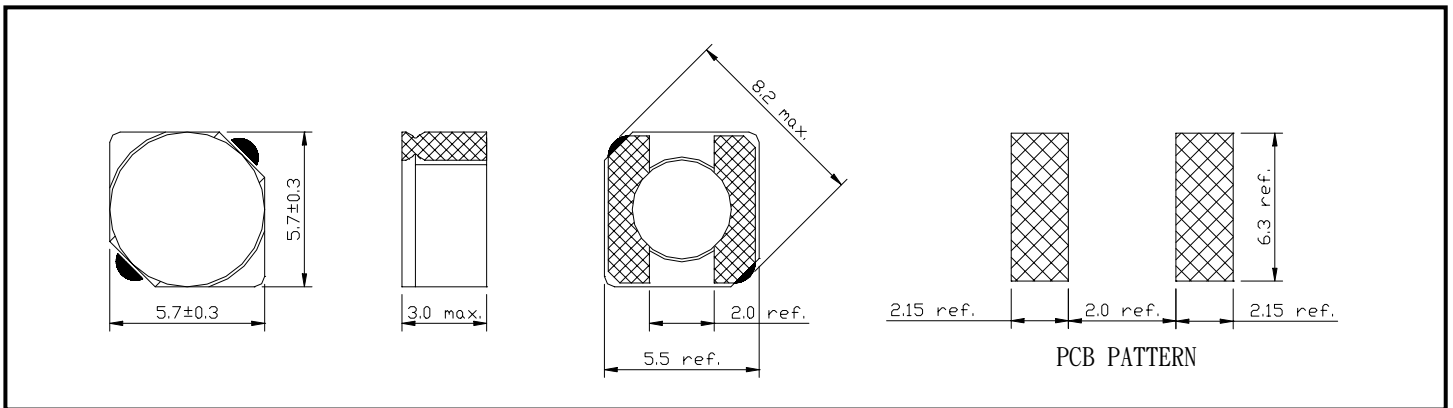


## PART NUMBERING SYSTEM

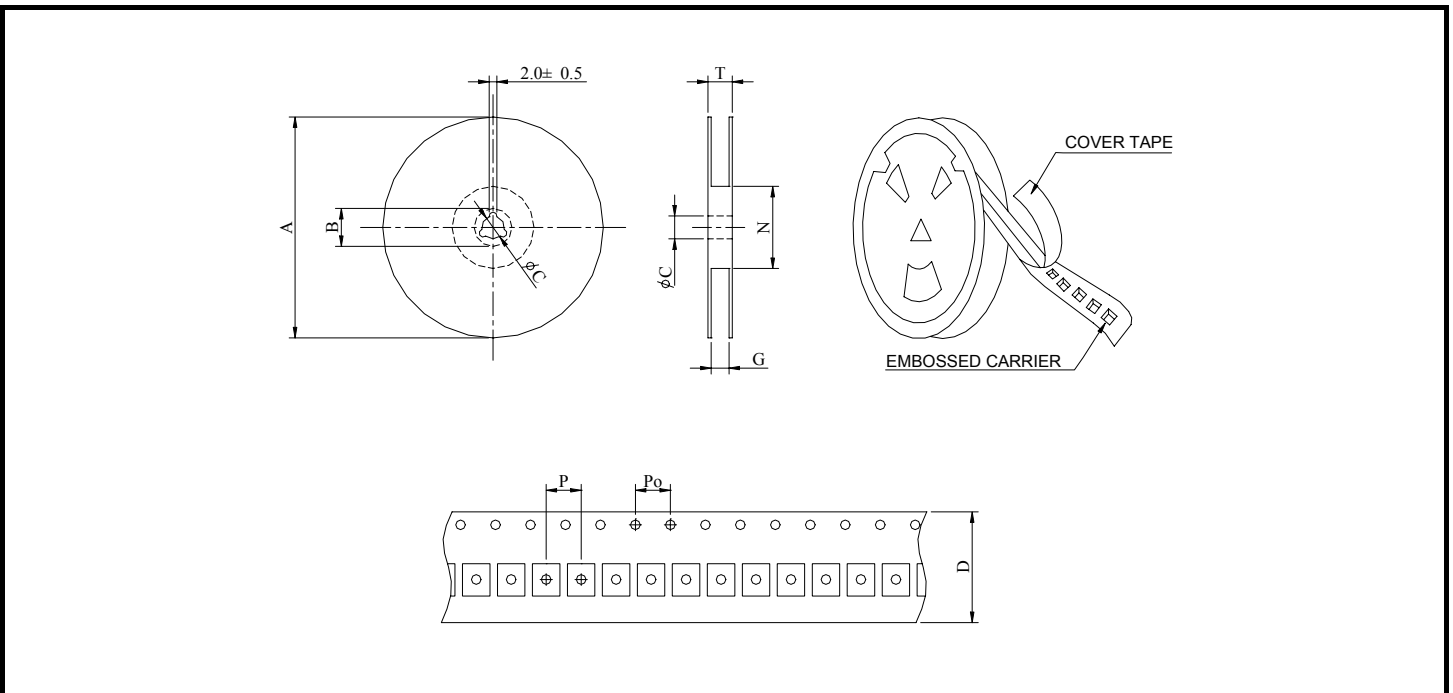
<b>SDC</b>	<b>5 D 2 8</b>	<b>2 R 5 N</b>
TYPE	DIMENSIONS	INDUCTANCE

## SHAPES AND DIMENSIONS

UNIT : mm



## PACKAGING SPECIFICATION



SERIES	STAYLE	Q' TY (PCS)	DIMENSIONS (m/m)								
			A	B $\pm 0.8$	C $\pm 0.5$	D	G $^{+0}$	N $^{-0}$	P	Po	T
SDC5D28	13-16	2000	330	21	13	16	18	50	8	4	22.4



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### SPECIFICATION TABLE

PART NUMBER	INDUCTANCE ( $\mu$ H)	DCR (m $\Omega$ ) (max)	IDC (A) (max)	TEST FREQ. ( f )
SDC5D28-2R5N	2.5	18	2.60	10KHz
SDC5D28-3R0N	3.0	24	2.40	10KHz
SDC5D28-4R2N	4.2	31	2.20	10KHz
SDC5D28-5R3N	5.3	38	1.90	10KHz
SDC5D28-6R2N	6.2	45	1.80	10KHz
SDC5D28-8R2N	8.2	53	1.60	10KHz
SDC5D28-100N	10	65	1.30	10KHz
SDC5D28-120N	12	76	1.20	10KHz
SDC5D18-150N	15	103	1.10	10KHz
SDC5D28-180N	18	110	1.00	10KHz
SDC5D28-220M	22	122	0.90	10KHz
SDC5D28-270M	27	175	0.85	10KHz
SDC5D28-330M	33	189	0.75	10KHz
SDC5D28-390M	39	212	0.70	10KHz
SDC5D28-470M	47	250	0.62	10KHz
SDC5D28-560M	56	305	0.58	10KHz
SDC5D28-680M	68	355	0.52	10KHz
SDC5D28-820M	82	463	0.46	10KHz
SDC5D28-101M	100	520	0.42	10KHz

Tolerance : N: $\pm$ 30%,M: $\pm$ 20%

### Environmental Data

- Storage temperature range : - 40°C to + 125°C
- Operating temperature range : - 40°C to + 85°C ( Range in application specific )