



SDR32 SERIES – SMD Power Inductors



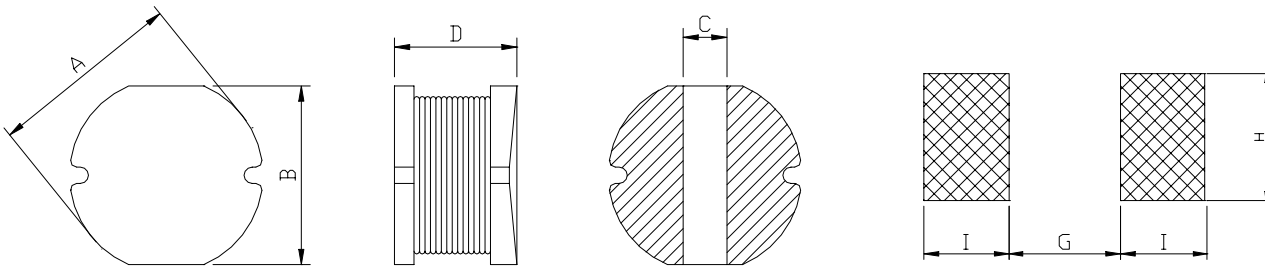
RoHS Compliant

PART NUMBERING SYSTEM

SDR	3 2	-	1 R 0 M	- L F
TYPE	DIMENSIONS		INDUCTANCE	LEAD FREE

SHAPES AND DIMENSIONS

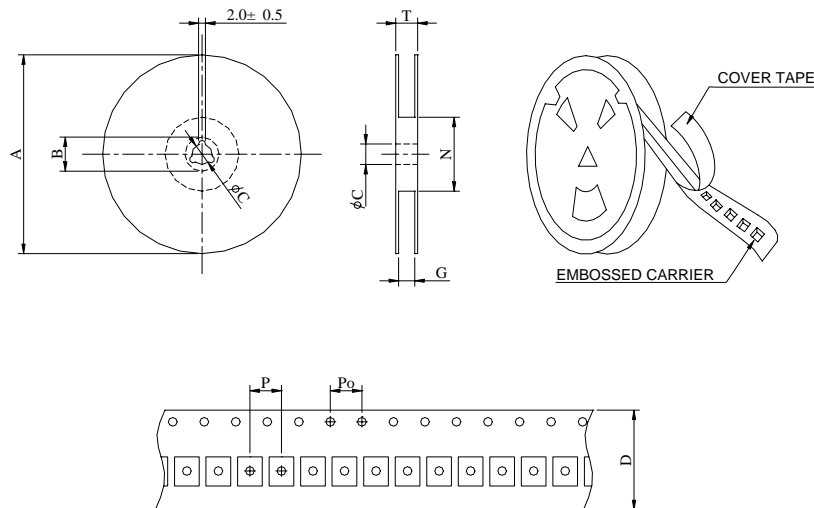
UNIT : mm



A=3.5±0.3 B=3.0±0.3 C= 1.0Ref. D=2.5 Max.

G= 0.80 H=3.50 I=1.60

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
SDR32	13-12	2000	330	21	13	12	14	50	8	4	18.4



SDR32 SERIES – SMD Power Inductors



RoHS Compliant

SPECIFICATION TABLE

PART NUMBER	INDUCTANCE (μ H)	DCR () (Max.)	IDC (A) (Max.)	TEST FREQ. (MHz)
SDR32-1R0M-LF	1.0 \pm 20%	0.07	2.08	100KHz
SDR32-1R4M-LF	1.4 \pm 20%	0.09	1.86	100KHz
SDR32-1R8M-LF	1.8 \pm 20%	0.11	1.80	100KHz
SDR32-2R2M-LF	2.2 \pm 20%	0.13	1.39	100KHz
SDR32-2R7M-LF	2.7 \pm 20%	0.14	1.32	100KHz
SDR32-3R3M-LF	3.3 \pm 20%	0.20	1.25	100KHz
SDR32-3R9M-LF	3.9 \pm 20%	0.21	1.20	100KHz
SDR32-4R7M-LF	4.7 \pm 20%	0.33	1.03	100KHz
SDR32-5R6M-LF	5.6 \pm 20%	0.35	0.91	100KHz
SDR32-6R8M-LF	6.8 \pm 20%	0.38	0.85	100KHz
SDR32-8R2M-LF	8.2 \pm 20%	0.43	0.82	100KHz
SDR32-100M-LF	10 \pm 20%	0.50	0.74	100KHz
SDR32-120M-LF	12 \pm 20%	0.65	0.64	100KHz
SDR32-150M-LF	15 \pm 20%	0.82	0.60	100KHz
SDR32-180M-LF	18 \pm 20%	0.90	0.54	100KHz
SDR32-220M-LF	22 \pm 20%	1.14	0.50	100KHz
SDR32-270M-LF	27 \pm 20%	1.39	0.43	100KHz
SDR32-330K-LF	33 \pm 10%	1.55	0.40	100KHz
SDR32-390K-LF	39 \pm 10%	2.15	0.37	100KHz
SDR32-470K-LF	47 \pm 10%	2.44	0.36	100KHz
SDR32-560K-LF	56 \pm 10%	2.68	0.31	100KHz
SDR32-680K-LF	68 \pm 10%	3.05	0.30	100KHz
SDR32-820K-LF	82 \pm 10%	3.48	0.28	100KHz

DC current at which the inductance drops 10% (typ) from its value without current.

Operating temperature range -40 to +125 ,

Electrical specifications at 25 .

Packing : 13" reel, machine-ready ,embossed plastic tape (2,000 parts per full reel).