



SDS73 SERIES

SMD Shielded Power Inductors



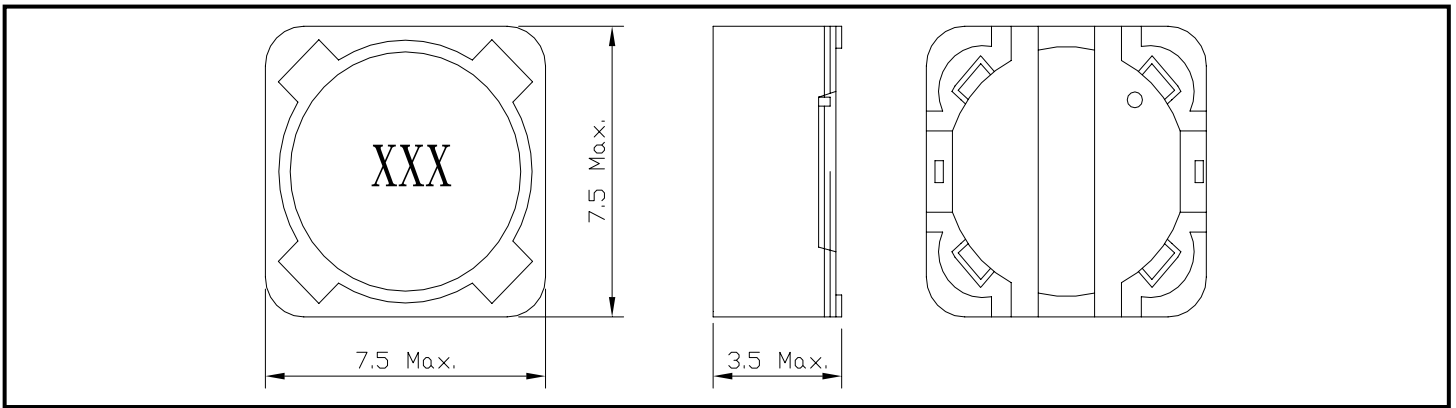
RoHS Compliant

PART NUMBERING SYSTEM

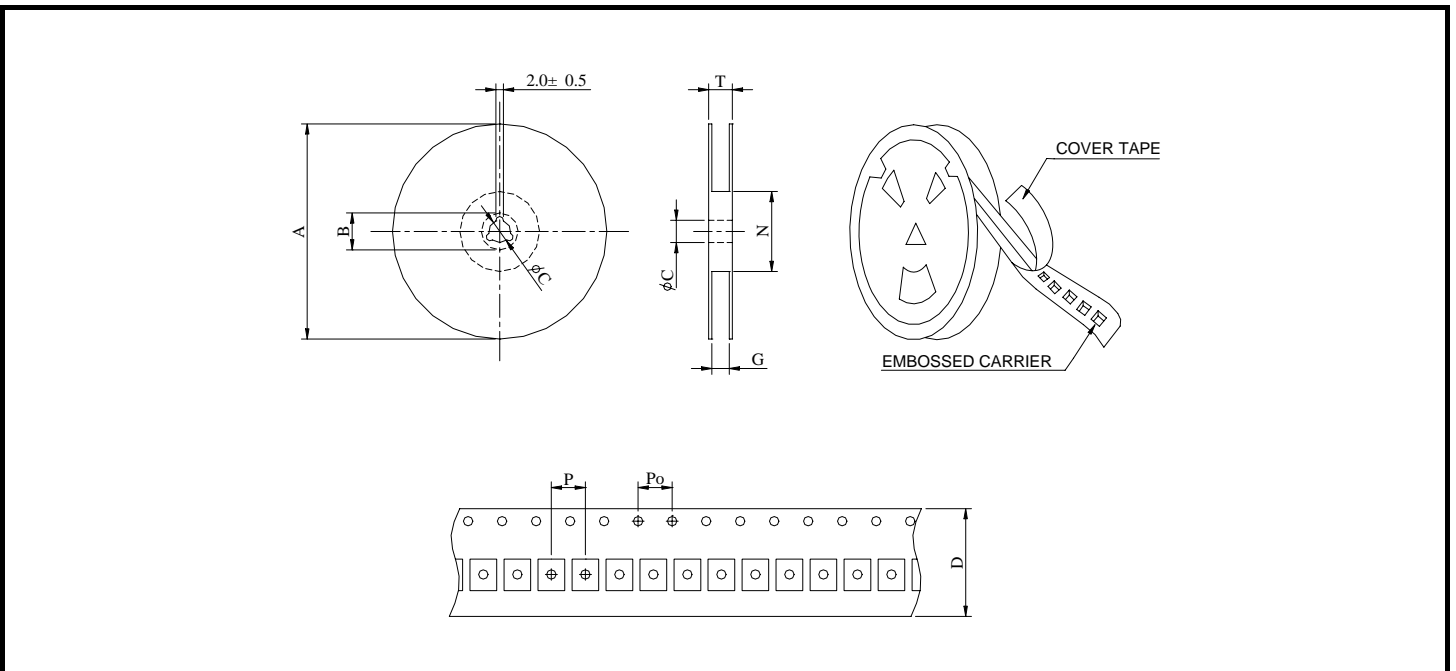
SDS	7 3	—	100M	—	LF
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

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
SDS73	13-16	1000	330	21	13	16	18	50	8	4	22.4



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SPECIFICATION TABLE

PART NUMBER	INDUCTANCE (μ H)	DCR (Ω) (Max.)	IDC (A) (Max.)	TEST FREQ. (f)
SDS73-100M-LF	10 \pm 20%	0.072	1.68	1KHz
SDS73-120M-LF	12 \pm 20%	0.098	1.52	1KHz
SDS73-150M-LF	15 \pm 20%	0.13	1.33	1KHz
SDS73-180M-LF	18 \pm 20%	0.14	1.20	1KHz
SDS73-220M-LF	22 \pm 20%	0.19	1.07	1KHz
SDS73-270M-LF	27 \pm 20%	0.21	0.96	1KHz
SDS73-330M-LF	33 \pm 20%	0.24	0.91	1KHz
SDS73-390M-LF	39 \pm 20%	0.32	0.77	1KHz
SDS73-470M-LF	47 \pm 20%	0.36	0.76	1KHz
SDS73-560M-LF	56 \pm 20%	0.47	0.68	1KHz
SDS73-680M-LF	68 \pm 20%	0.52	0.61	1KHz
SDS73-820M-LF	82 \pm 20%	0.69	0.57	1KHz
SDS73-101M-LF	100 \pm 20%	0.79	0.50	1KHz
SDS73-121M-LF	120 \pm 20%	0.89	0.49	1KHz
SDS73-151M-LF	150 \pm 20%	1.27	0.43	1KHz
SDS73-181M-LF	180 \pm 20%	1.45	0.39	1KHz
SDS73-221M-LF	220 \pm 20%	1.65	0.35	1KHz
SDS73-271M-LF	270 \pm 20%	2.31	0.32	1KHz
SDS73-331M-LF	330 \pm 20%	2.62	0.28	1KHz
SDS73-391M-LF	390 \pm 20%	2.94	0.26	1KHz
SDS73-471M-LF	470 \pm 20%	4.18	0.24	1KHz
SDS73-561M-LF	560 \pm 20%	4.67	0.22	1KHz
SDS73-681M-LF	680 \pm 20%	5.73	0.19	1KHz
SDS73-821M-LF	820 \pm 20%	6.54	0.18	1KHz
SDS73-102M-LF	1000 \pm 20%	9.44	0.16	1KHz

- DC current at which the inductance drops 25% (typ) from its value without current.
- Operating temperature range -40 $^{\circ}$ C to +85 $^{\circ}$ C .
- Electrical specifications at 20 $^{\circ}$ C .