

SSB7011 SERIES – Low Profile SMD Power Inductors



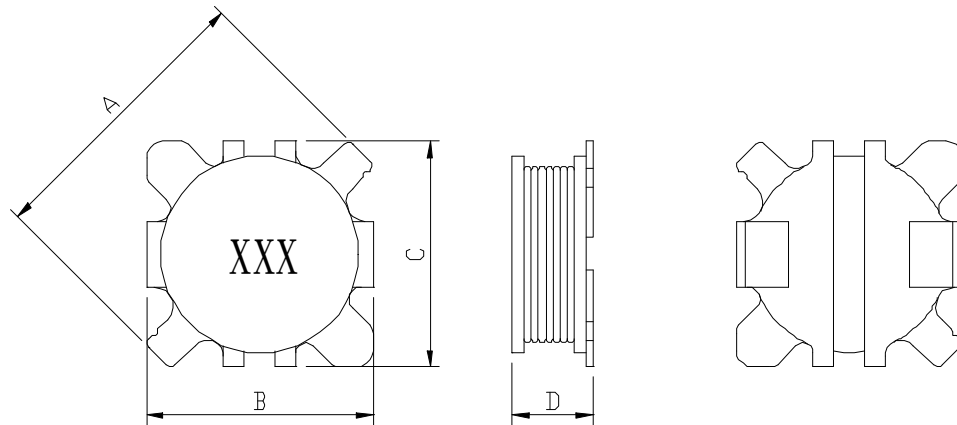
RoHS Compliant

PART NUMBERING SYSTEM

SSB	7011	—	100M	—	LF
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

SHAPES AND DIMENSIONS

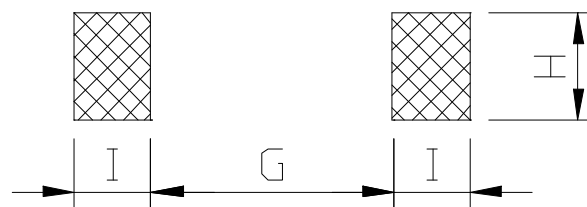
UNIT : mm



$$A=10.18\text{Max.} \quad B=7.2\pm0.3 \quad C=7.2\pm0.3 \quad D=1.2\text{Max}$$

RECOMMENDED PATTERNS

UNIT : mm



$$G=3.50 \quad H=3.00 \quad I=2.25$$

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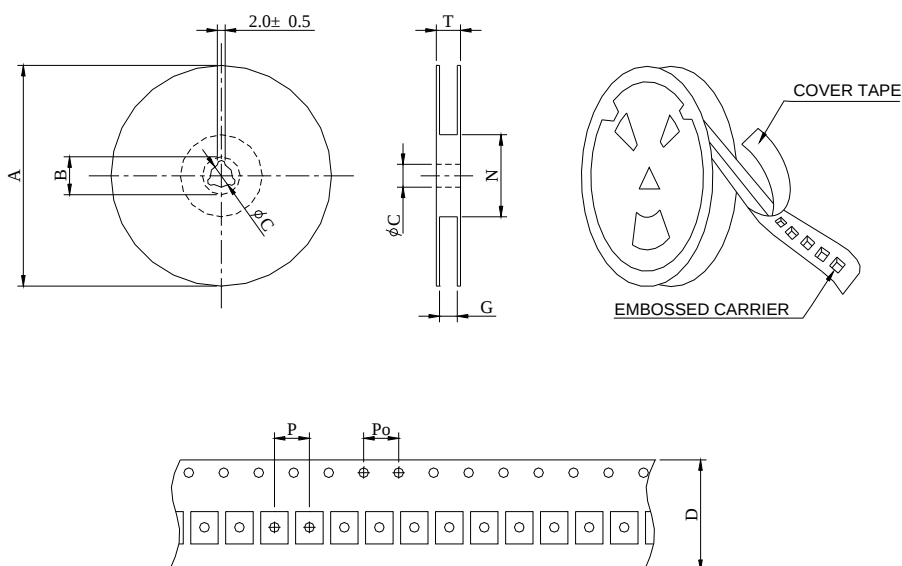
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SPECIFICATION TABLE

PART NUMBER	INDUCTANCE (μ H)	DCR (m Ω) (Max.)	Isat (A)	Irms (A)	TEST FREQ. (f)
SSB7011-4R7M-LF	4.7 $\pm$ 20%	156	1.42	1.60	100KHz/0.1V
SSB7011-6R8M-LF	6.8 $\pm$ 20%	203	1.11	1.32	100KHz/0.1V
SSB7011-100M-LF	10.0 $\pm$ 20%	243	0.95	1.25	100KHz/0.1V
SSB7011-150M-LF	15.0 $\pm$ 20%	412	0.75	0.90	100KHz/0.1V
SSB7011-220M-LF	22.0 $\pm$ 20%	586	0.60	0.75	100KHz/0.1V
SSB7011-330M-LF	33.0 $\pm$ 20%	854	0.50	0.57	100KHz/0.1V
SSB7011-470M-LF	47.0 $\pm$ 20%	1047	0.45	0.54	100KHz/0.1V
SSB7011-472M-LF	4700 $\pm$ 20%	105 Ω	53mA	50mA	100KHz/0.1V

- ※ Inductance measured using a Coilmaster SMD fixture in an Agilent/HP 4284A or equivalent.
- ※ Isat: DC current at which the inductance drops 10% (typ) from its value without current.
- ※ Irms: Average current for 30°C (max) rise from +25°C ambient.
- ※ Operating temperature range : -40°C to + 125 °C.

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
SSB7011	13-16	3500	330	21	13	16	18	50	8	4	22.4