



## SBS7032 SERIES –Shielded SMD Power Inductors



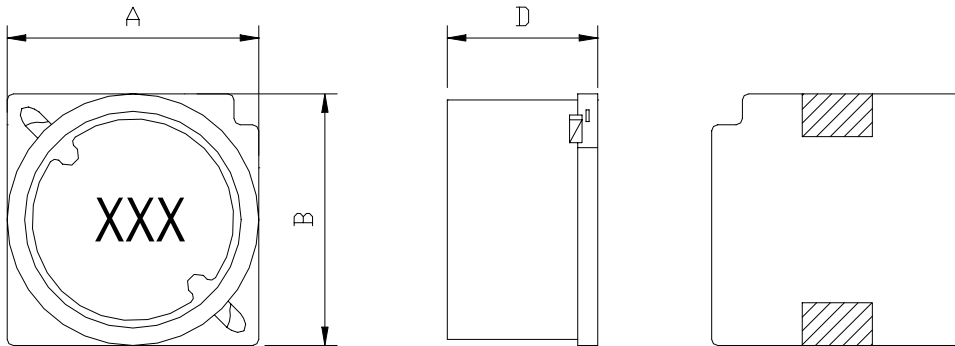
RoHS Compliant

### PART NUMBERING SYSTEM

<b>SBS</b>	<b>7 0 3 2</b>	-	<b>1 0 0 M</b>	-	<b>LF</b>
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

### SHAPES AND DIMENSIONS

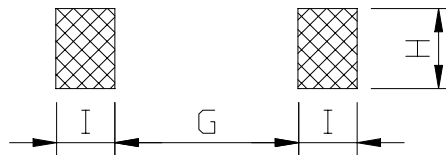
UNIT : mm



**A=7.2 Max. B=7.2 Max. D=3.40 Max.**

### RECOMMENDED PATTERNS

UNIT : mm



**G=4.9 H=2.2 I=1.5**

## SBS7032 SERIES –Shielded SMD Power Inductors



RoHS Compliant

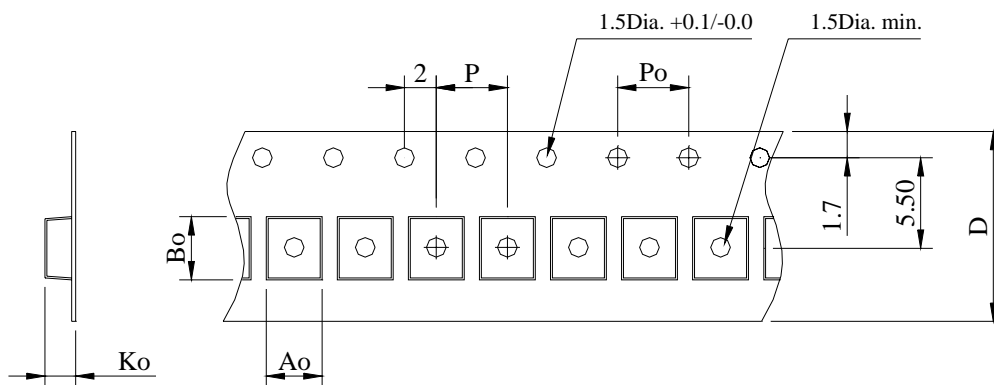
### SPECIFICATION TABLE

PART NUMBER	INDUCTANCE ( $\mu$ H)	DCR ( $\Omega$ ) (Max.)	IDC (A) (Max.)	TEST FREQ. ( f )
SBS7032-3R3M-LF	3.3 $\pm$ 20%	0.0276	1.9	100KHz
SBS7032-4R7M-LF	4.7 $\pm$ 20%	0.0432	1.7	100KHz
SBS7032-6R8M-LF	6.8 $\pm$ 20%	0.0492	1.6	100KHz
SBS7032-100M-LF	10 $\pm$ 20%	0.0636	1.4	100KHz
SBS7032-150M-LF	15 $\pm$ 20%	0.090	1.1	100KHz
SBS7032-220M-LF	22 $\pm$ 20%	0.132	0.96	100KHz
SBS7032-330M-LF	33 $\pm$ 20%	0.192	0.75	100KHz
SBS7032-470M-LF	47 $\pm$ 20%	0.288	0.67	100KHz
SBS7032-680M-LF	68 $\pm$ 20%	0.372	0.59	100KHz
SBS7032-101M-LF	100 $\pm$ 20%	0.54	0.45	100KHz
SBS7032-151M-LF	150 $\pm$ 20%	0.78	0.37	100KHz
SBS7032-221M-LF	220 $\pm$ 20%	1.26	0.29	100KHz
SBS7032-331M-LF	330 $\pm$ 20%	2.01	0.22	100KHz
SBS7032-471M-LF	470 $\pm$ 20%	2.46	0.20	100KHz
SBS7032-681M-LF	680 $\pm$ 20%	3.78	0.16	100KHz
SBS7032-102M-LF	1000 $\pm$ 20%	5.74	0.13	100KHz

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

Operating temperature range -20 to +85 , Electrical specifications at 25 .

### PACKAGING SPECIFICATION



STAYLE	Q ' TY (PCS)	DIMENSIONS (m/m)					
		Ao	Bo	Ko	P	Po	D $\pm$ 0.3
13"	1,000	7.50	7.50	3.90	8.00	4.00	12.0