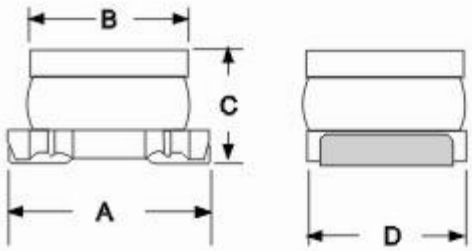
SMD POWER INDUCTORS
SNI TYPE

PRODUCT IDENTIFICATION

S	N	I	–	0	3	0	2	5	–	1	0	1	M	–	N	P
				1		2		3		4			5		6	

1.PRODUCT SYMBOL
2.OUTSIDE DIA : mm
3.BODY HEIGHT : mm
4.INDUCTANCE : μH
5.TOLERANCE : K±10% , L±15% , M±20%
6.Meet ROHS Regulations of Prohibiped 6 Poisonous Materials

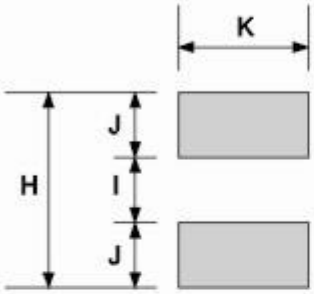
SHAPES & DIMENSION FOR SNI SERIES (mm)



FEATURE

- Extra slime height 1.3mm SMT.Type
- High Current Low DCR Miniature mobility device

RECOMMENDED PATTERN (mm)



TYPE	A	B	C	D	H	I	J	K
SNI 02017	2.0±0.2	1.5±0.2	1.7±0.2	1.5±0.2	2.4	0.6	0.9	1.6
SNI 03011	3.2±0.3	2.5±0.2	1.1±0.2	2.5±0.2	3.9	1.5	1.2	3.5
SNI 04032	4.5±0.3	3.6±0.2	2.6±0.2	3.2±0.2	4.5	1.5	1.5	5.0
SNI 03025	3.2±0.3	2.5±0.2	2.0±0.2	2.5±0.2	3.9	1.5	1.2	3.5
SNI 03016	3.2±0.3	2.3±0.2	1.8±0.2	1.6±0.2	3.9	1.3	1.3	2.7

ELECTRICAL SPECIFICATION

Part	L	DC Resistance(Ω)Max.±30%					Rated DC Current(A)Max.					Self Resonance Frequency Min.Value(MHz)		
No.	(μH)	02017	03011	03016	03025	04032	02017	03011	03016	03025	04032	03016	03025	04032
1R0	1.0	0.26	0.144	0.20	0.08	0.10	0.65	1.40	0.65	1.00	1.08		100	1.08
1R5	1.5		0.228			0.12		1.05			1.00			1.0
1R6	1.6			0.31					0.60					
2R2	2.2	0.59	0.276	0.53	0.097	0.14	0.50	0.91	0.43	0.79	0.90	50	64	0.9
3R3	3.3	0.65	0.408	0.56		0.17	0.48	0.76	0.38		0.80			0.8
4R7	4.7	0.78	0.6	0.85	0.20	0.20	0.30	0.62	0.34	0.65	0.75	31	43	0.75
5R6	5.6	0.85					0.28				0.72			
6R8	6.8	1.30	0.744			0.26	0.25	0.54						0.72
8R2	8.2													
8R6	8.6	1.63					0.23							
100	10		1.136	1.69	0.39	0.36	0.20	0.42	0.23	0.45		20	26	0.65
120	12	2.02												
150	15		2.01		0.75	0.32	0.15	0.34		0.30	0.57		26	0.57
180	18	3.77												
220	22		2.496	3.9	0.92	0.60	0.10	0.30	0.16	0.25	0.42	14	19	0.42
270	27													
330	33		4.44			1.00		0.23			0.31			0.31
390	39													
470	47		5.4	10.4	1.30	1.43		0.20	0.10	0.17	0.28	10	15	0.28
680	68				2.20					0.13	0.22		12	0.22
101	100			15.6	3.50	2.20			0.08	0.10	0.19	7	10	0.19
151	150					3.50					0.13			0.13
221	220					4.0					0.11			0.11
331	330					4.8					0.10			0.10
471	470				32.5	8.5				0.065	0.09			0.09
681	680										0.08			
222	2200										0.06			

Operating Temperature : -30℃~ +85℃
Test Freq. : 1MHz/1V
Inductance drop≤10% Typ. At IDC