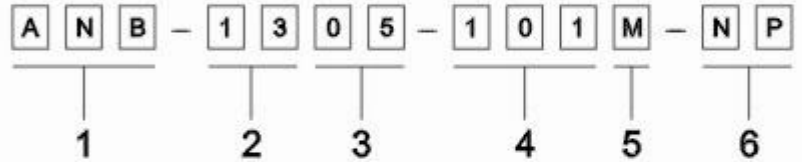


SMD POWER INDUCTORS ANB TYPE



PRODUCT IDENTIFICATION



1.PRODUCT SYMBOL

2.OUTSIDE DIA : mm

3.BODY HEIGHT : mm

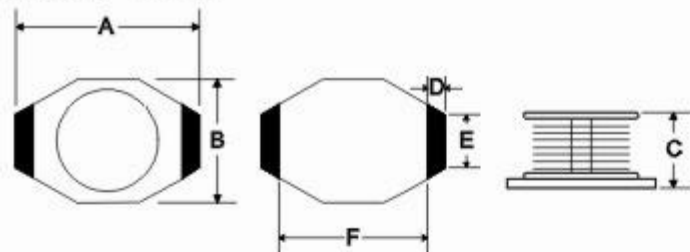
4.INDUCTANCE : μH

5.TOLERANCE : K \pm 10% , L \pm 15% , M \pm 20%

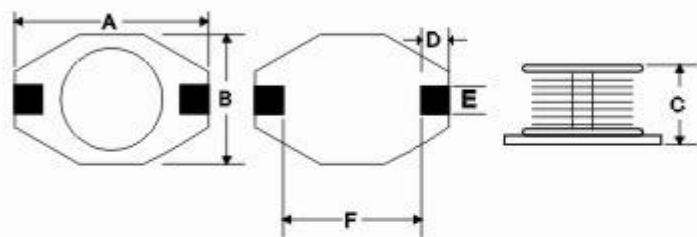
6.Meet ROHS Regulations of Prohibited 6 Poisonous Materials

SHAPES & DIMENSION FOR ANB SERIES (mm)

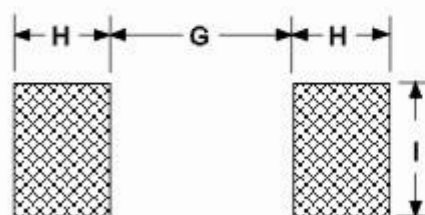
ANB06xx TYPE



ANB13xx.ANB18xx TYPE



RECOMMENDED PATTERN (mm)



FEATURE

- The rated current indicates the value of current when the inductance is 10% lower than its initial value at DC superposition or DC current when $\Delta t=40^{\circ}\text{C}$, whichever is lower.
- Tolerance of inductance.
1 μH ~1000 μH (100KHz/0.1V)



SMD POWER INDUCTORS ANB TYPE

TYPE	A	B	C	D	E	F	G	H	I
ANB0602	6.6Max.	4.45Max.	2.00Max.	0.76	1.27	4.83	4.57	1.14	3.05
ANB0603	6.6Max.	4.45Max.	2.92Max.	0.76	1.27	4.83	4.57	1.14	3.05
ANB1303	13.0Max.	9.4Max.	3.2Max.	2.54	2.54	8.0	7.37	3.0	2.79
ANB1305	13.0Max.	9.4Max.	5.5Max.	2.54	2.54	8.0	7.37	3.0	2.79
ANB1311	13.0Max.	9.4Max.	11.5Max.	2.54	2.54	8.0	7.37	3.0	2.79
ANB1807	18.8Max.	15.5Max.	7.5Max.	2.54	2.54	13.5	12.45	3.0	2.79

ELECTRICAL SPECIFICATION

Part NO.	Inductance L(μH)	RDC(Ω)Max.						Rated DC Current(A)Max.					
		ANB 0602	ANB 0603	ANB 1303	ANB 1305	ANB 1311	ANB 1807	ANB 0602	ANB 0603	ANB 1303	ANB 1305	ANB 1311	ANB 1807
1R0	1.0		0.05		0.009		0.011		2.90		9.00		20.00
1R5	1.5		0.05		0.010		0.013		2.60		8.00		
2R2	2.2		0.07	0.03	0.012		0.014		2.30	3.80	7.00		16.00
3R3	3.3		0.08		0.015		0.016		2.00		6.40		14.00
4R7	4.7		0.09	0.06	0.020		0.021		1.50	2.70	5.40		
5R6	5.6				0.025		0.022				5.00		12.00
6R8	6.8		0.13		0.027				1.20		4.60		
100	10		0.16	0.09	0.038	0.033	0.032		1.10	2.40	3.80	8.00	10.00
150	15		0.23	0.12	0.050	0.042	0.036		0.90	2.00	3.00	7.00	8.00
220	22		0.37	0.19	0.085	0.054	0.047		0.70	1.60	2.60	5.50	7.00
330	33		0.51	0.25	0.100	0.080	0.066		0.58	1.40	2.00	4.00	5.50
470	47		0.64	0.32	0.140	0.100	0.087		0.50	1.00	1.60	3.80	4.50
680	68		0.86	0.55	0.200	0.170	0.130		0.40	0.90	1.40	3.00	3.50
101	100	1.8	1.27	0.70	0.280	0.220	0.190	0.19	0.31	0.70	1.20	2.50	3.00
151	150		2.00	1.00	0.400	0.340	0.250		0.27	0.60	1.00	2.00	2.60
221	220		3.11	1.60	0.610	0.440	0.380		0.22	0.50	0.70	1.60	2.40
331	330		3.80	2.20	1.020	0.700	0.560		0.18	0.40	0.60	1.20	1.90
471	470		5.08	3.30	1.400	0.950	0.850		0.16	0.30	0.50	1.00	1.40
681	680		9.20	4.40	2.020	1.200	1.200		0.14	0.20	0.40	1.00	1.20
102	1000	23	13.8	7.00	3.000	2.000	1.800	0.045	0.10	0.10	0.30	0.80	1.00
122	1200	30						0.030					

Operating Temperature : -40℃~ +85℃
 Test Freq. : 100KHz/0.1V
 Inductance drop ≤ 10% Typ. At IDC