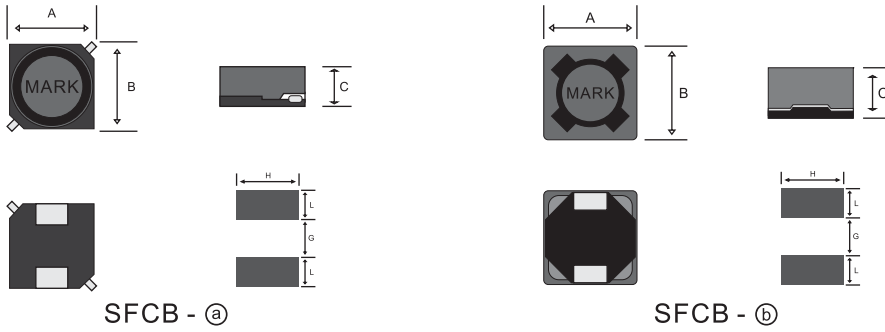


Shielded Type

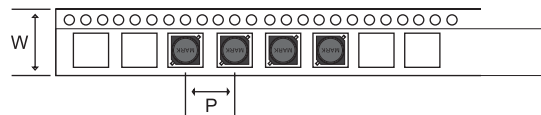
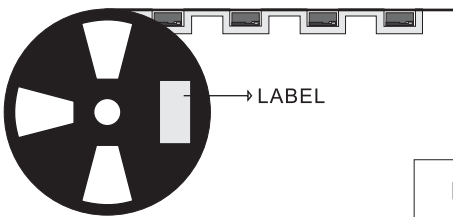
Dimensions & Recommended Land Pattern [Unit : mm]



Tolerance : ± 0.2

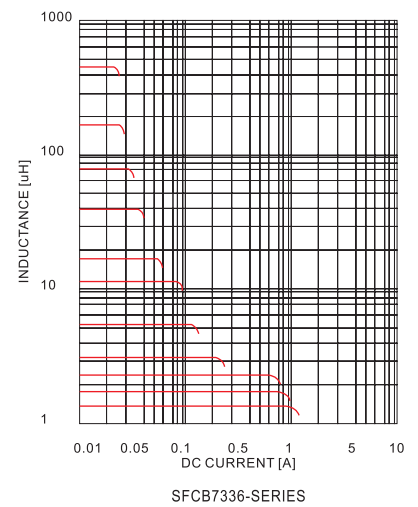
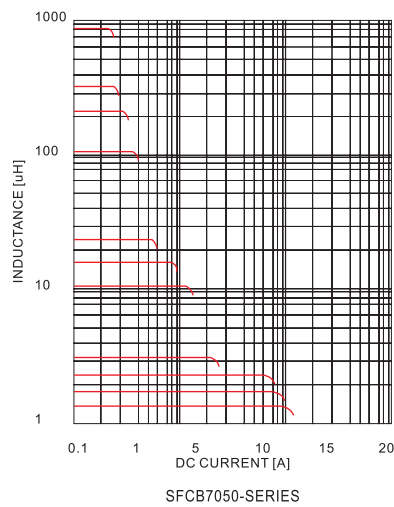
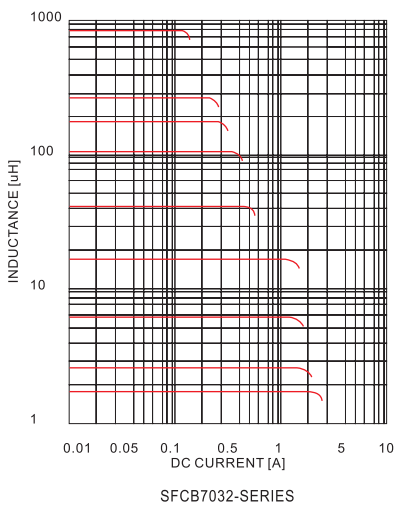
Parts NO.	A X B X C (Max)	L	G	H	Type
SFCB7032	7.0 X 7.0 X 3.4	2.50	3.00	2.70	SFCB - (a)
SFCB7050	7.0 X 7.0 X 5.0	2.10	3.40	2.60	SFCB - (a)
SFCB7336	7.3 X 7.3 X 4.35	2.50	3.60	3.30	SFCB - (b)

Packing Specification



Parts NO.	TAPE PITCH [P]	EMBOSS PITCH [W]	UNITS PER REEL
SFCB7032	12.0	16.0	1,500
SFCB7050	12.0	16.0	1,000
SFCB7336	12.0	16.0	1,000

DC Superimposed Inductance Characteristics



* Items not indicated in the list are available upon the Customers request.
 * All specifications are subject to change without notice

Parts No.		SFCB7032		SFCB7050		SFCB7336	
SPEC	INDUCTANCE [uH]	DC Resistance [Ω] MAX	Saturation Rated Current [A] MAX	DC Resistance [Ω] MAX	Saturation Rated Current [A] MAX	DC Resistance [Ω] MAX	Saturation Rated Current [A] MAX
R47	0.47 ±30%	0.02	4.30	0.02	12.0	0.02	12.0
R60	0.60 ±30%	0.02	4.20	0.02	12.0	0.02	11.7
R80	0.80 ±30%	0.03	4.10	0.02	11.8	0.02	11.4
1R0	1.0 ±30%	0.03	4.00	0.02	11.7	0.02	11.1
1R2	1.2 ±30%	0.03	3.90	0.02	11.5	0.02	10.8
1R5	1.5 ±30%	0.03	3.90	0.03	10.2	0.02	10.5
1R8	1.8 ±30%	0.03	3.80	0.03	10.0	0.02	10.1
2R0	2.0 ±30%	0.03	3.80	0.03	8.10	0.02	9.80
2R2	2.2 ±20%	0.03	3.70	0.03	7.90	0.02	9.20
2R5	2.5 ±20%	0.03	3.70	0.03	7.50	0.02	8.60
3R0	3.0 ±20%	0.04	3.40	0.03	7.10	0.03	7.90
3R3	3.3 ±20%	0.04	3.10	0.04	6.10	0.03	7.10
3R5	3.5 ±20%	0.04	2.90	0.04	5.90	0.03	6.20
3R9	3.9 ±20%	0.04	2.70	0.04	5.80	0.03	5.50
4R7	4.7 ±20%	0.04	2.50	0.05	5.20	0.03	4.70
5R6	5.6 ±20%	0.05	2.30	0.05	4.70	0.03	4.00
6R8	6.8 ±20%	0.05	2.10	0.06	4.50	0.04	3.20
7R7	7.7 ±20%	0.05	1.90	0.06	4.40	0.04	2.10
8R2	8.2 ±20%	0.06	1.80	0.07	4.30	0.05	1.90
100	10 ±20%	0.06	1.80	0.08	3.80	0.05	1.80
120	12 ±20%	0.08	1.60	0.08	3.00	0.06	1.70
150	15 ±20%	0.09	1.30	0.08	2.60	0.08	1.40
180	18 ±20%	0.10	1.30	0.09	2.50	0.09	1.30
220	22 ±20%	0.11	1.10	0.14	2.50	0.11	1.20
270	27 ±20%	0.15	1.00	0.18	2.30	0.15	1.10
330	33 ±20%	0.16	0.90	0.22	2.10	0.17	0.95
390	39 ±20%	0.18	0.85	0.27	2.00	0.23	0.90
470	47 ±20%	0.23	0.65	0.32	1.80	0.26	0.88
560	56 ±20%	0.27	0.60	0.35	1.60	0.35	0.75
680	68 ±20%	0.32	0.60	0.43	1.30	0.38	0.69
820	82 ±20%	0.36	0.55	0.51	1.25	0.43	0.61
101	100 ±20%	0.45	0.50	0.59	1.20	0.61	0.60
121	120 ±20%	0.53	0.40	0.73	1.10	0.66	0.52
151	150 ±20%	0.70	0.40	0.93	0.90	0.88	0.46
181	180 ±20%	0.83	0.40	1.03	0.85	0.98	0.42
221	220 ±20%	1.10	0.30	1.38	0.75	1.17	0.36
271	270 ±20%	1.18	0.30	1.59	0.70	1.64	0.34
331	330 ±20%	1.41	0.25	2.00	0.60	1.86	0.32
391	390 ±20%	1.63	0.20	2.53	0.55	2.85	0.29
471	470 ±20%	2.10	0.20	2.60	0.45	3.01	0.26
561	560 ±20%	2.52	0.15	3.48	0.45	3.62	0.23
681	680 ±20%	3.00	0.15	3.91	0.40	4.63	0.22
821	820 ±20%	3.42	0.10	4.86	0.35	5.20	0.20
102	1000 ±20%	3.90	0.10	7.08	0.30	6.00	0.18

■ Testing Instrument

1) Inductance : HP 4284A LCR METER

2) DC Resistance : HIOKI MΩ HI-TESTER 3220

■ Tested at 100kHz, 0.25 Vrms.

■ Saturation Rated Current [A] : The current when the inductance becomes 20% lower than its nominal value or temperature rise of coil becomes.