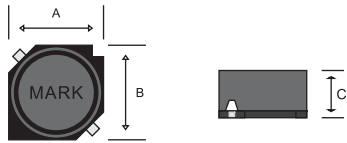
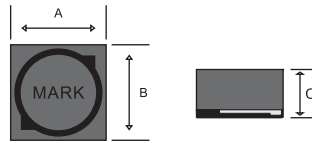


Shielded Type

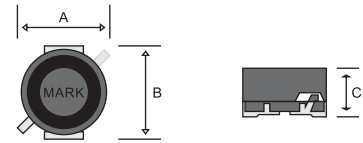
Dimensions & Recommended Land Pattern [Unit : mm]



SFCB - ⓐ



SFCB - ⓑ



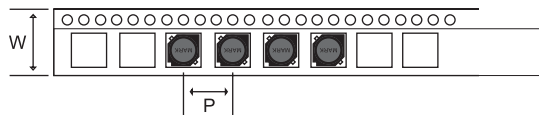
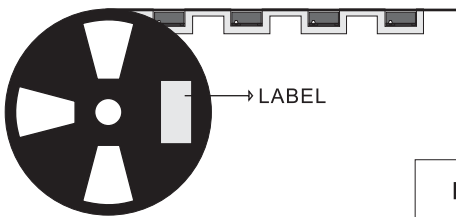
SFCB - ⓒ



Tolerance : ± 0.2

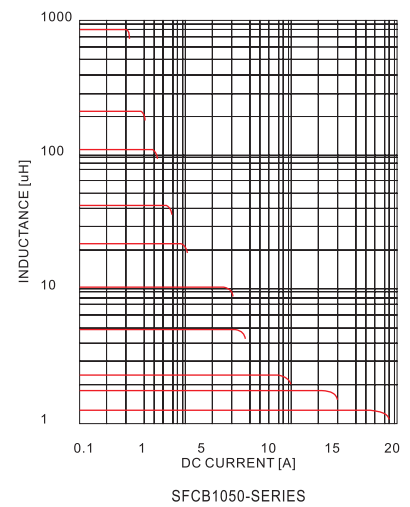
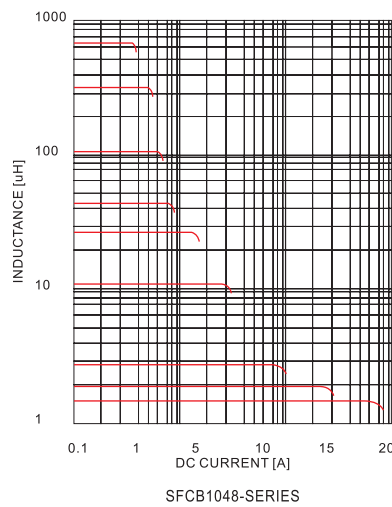
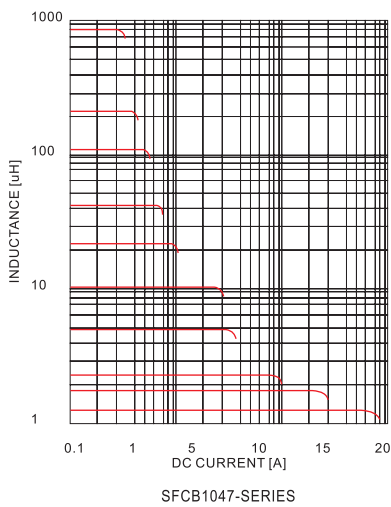
Parts NO.	A X B X C (Max)	L	G	H	Type
SFCB1047	10.2 X 10.2 X 4.9	2.30	6.40	3.60	SFCB - ⓐ
SFCB1048	10.2 X 10.2 X 4.9	3.00	5.00	4.00	SFCB - ⓑ
SFCB1050	9.9 X 9.8 X 4.7	1.95	6.30	4.20	SFCB - ⓒ

Packing Specification



Parts NO.	TAPE PITCH [P]	EMBOSS PITCH [W]	UNITS PER REEL
SFCB1047	16.0	24.0	650
SFCB1048	16.0	24.0	650
SFCB1050	16.0	24.0	700

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.		SFCB1047		SFCB1048		SFCB1050	
SPEC	INDUCTANCE [μH]	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	20.0	0.02	20.0	0.02	20.0
R60	0.60 ±30%	0.02	20.0	0.02	20.0	0.02	20.0
R80	0.80 ±30%	0.02	20.0	0.02	20.0	0.02	20.0
1R0	1.0 ±30%	0.02	18.0	0.02	18.0	0.02	18.0
1R2	1.2 ±30%	0.02	18.0	0.02	16.0	0.02	16.0
1R5	1.5 ±30%	0.02	17.0	0.02	15.6	0.02	15.0
1R8	1.8 ±30%	0.02	15.0	0.02	14.5	0.02	14.0
2R0	2.0 ±30%	0.02	14.0	0.03	13.1	0.02	14.0
2R2	2.2 ±20%	0.03	12.8	0.03	13.1	0.03	12.8
2R5	2.5 ±20%	0.03	12.5	0.03	13.0	0.03	12.5
3R0	3.0 ±20%	0.03	11.5	0.03	11.3	0.03	11.5
3R3	3.3 ±20%	0.03	10.7	0.03	11.0	0.03	10.7
3R5	3.5 ±20%	0.03	9.90	0.03	10.7	0.03	10.0
3R9	3.9 ±20%	0.03	9.50	0.03	10.4	0.03	9.50
4R7	4.7 ±20%	0.03	9.40	0.03	10.0	0.03	9.40
5R6	5.6 ±20%	0.03	8.80	0.03	9.30	0.03	8.80
6R8	6.8 ±20%	0.04	7.80	0.04	8.40	0.04	7.80
7R7	7.7 ±20%	0.04	7.20	0.04	8.00	0.04	7.20
8R2	8.2 ±20%	0.05	7.00	0.04	7.60	0.05	7.00
100	10 ±20%	0.05	6.70	0.05	6.90	0.05	6.70
120	12 ±20%	0.06	5.60	0.07	6.10	0.06	5.60
150	15 ±20%	0.07	4.70	0.07	5.40	0.07	4.70
180	18 ±20%	0.08	4.70	0.09	5.00	0.08	4.70
220	22 ±20%	0.10	4.40	0.10	4.60	0.10	4.40
270	27 ±20%	0.12	4.00	0.12	4.00	0.12	4.00
330	33 ±20%	0.13	3.50	0.14	3.70	0.13	3.50
390	39 ±20%	0.17	3.20	0.18	3.50	0.17	3.20
470	47 ±20%	0.20	3.00	0.21	3.00	0.20	3.00
560	56 ±20%	0.22	2.70	0.23	2.70	0.22	2.70
680	68 ±20%	0.25	2.50	0.29	2.50	0.25	2.50
820	82 ±20%	0.31	2.30	0.34	2.40	0.31	2.30
101	100 ±20%	0.37	2.00	0.42	2.00	0.37	2.00
121	120 ±20%	0.44	1.80	0.46	1.90	0.44	1.80
151	150 ±20%	0.53	1.60	0.55	1.70	0.53	1.60
181	180 ±20%	0.68	1.50	0.73	1.60	0.68	1.50
221	220 ±20%	0.80	1.30	0.93	1.40	0.80	1.30
271	270 ±20%	0.98	1.20	1.11	1.20	0.98	1.20
331	330 ±20%	1.11	1.10	1.27	1.10	1.11	1.10
391	390 ±20%	1.30	0.85	1.54	1.00	1.30	0.85
471	470 ±20%	1.77	0.75	1.90	0.80	1.77	0.75
561	560 ±20%	2.20	0.70	2.31	0.75	2.20	0.70
681	680 ±20%	2.66	0.60	2.77	0.65	2.66	0.60
821	820 ±20%	3.00	0.60	3.37	0.55	3.00	0.60
102	1000 ±20%	3.64	0.50	3.85	0.55	3.64	0.50

■ Testing Instrument

1) Inductance : HP 4284A LCR METER

2) DC Resistance : HIOKI 103 HI-TESTER 3220

■ Tested at 100kHz, 0.25 Vrms.

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