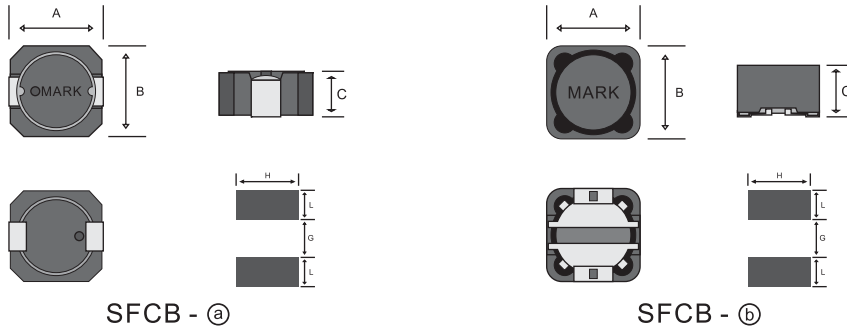


Shielded Type

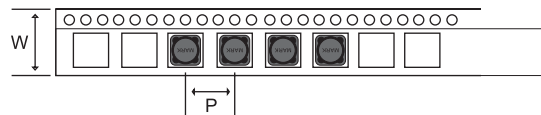
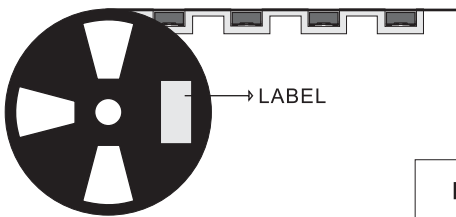
Dimensions & Recommended Land Pattern [Unit : mm]



Tolerance : ± 0.2

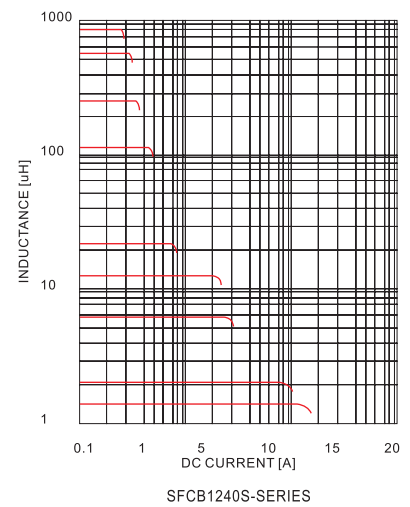
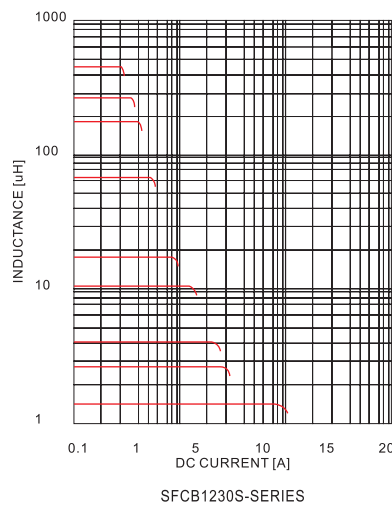
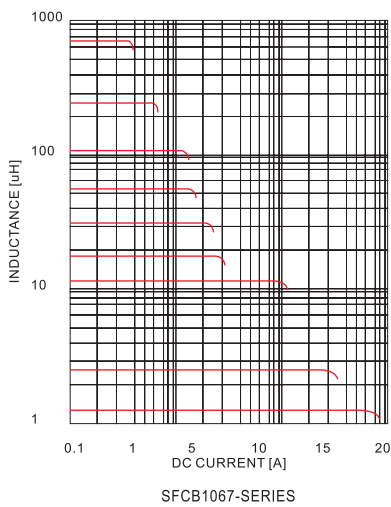
Parts NO.	A X B X C (Max)	L	G	H	Type
SFCB1067	10.4 X 10.4 X 6.8	2.65	5.40	3.60	SFCB - (a)
SFCB1230S	12.0 X 12.0 X 3.8	2.80	7.00	5.40	SFCB - (b)
SFCB1240S	12.0 X 12.0 X 4.5	2.80	7.00	5.40	SFCB - (b)

Packing Specification



Parts NO.	TAPE PITCH [P]	EMBOSS PITCH [W]	UNITS PER REEL
SFCB1067	16.0	24.0	
SFCB1230S	16.0	24.0	1,000
SFCB1240S	16.0	24.0	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.		SFCB1067		SFCB1230S		SFCB1240S	
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	12.0	0.02	15.5
R60	0.60 ±30%	0.02	20.0	0.02	11.8	0.02	15.2
R80	0.80 ±30%	0.02	20.0	0.02	11.4	0.02	14.8
1R0	1.0 ±30%	0.02	20.0	0.02	11.0	0.02	14.6
1R2	1.2 ±30%	0.02	20.0	0.02	10.8	0.02	14.1
1R5	1.5 ±30%	0.02	20.0	0.02	10.5	0.02	13.9
1R8	1.8 ±30%	0.02	20.0	0.02	10.0	0.02	13.5
2R0	2.0 ±30%	0.02	20.0	0.02	9.80	0.02	13.0
2R2	2.2 ±20%	0.02	19.2	0.02	9.30	0.02	12.5
2R5	2.5 ±20%	0.02	18.5	0.02	8.80	0.02	11.4
3R0	3.0 ±20%	0.02	17.1	0.02	8.60	0.02	10.5
3R3	3.3 ±20%	0.02	16.5	0.02	8.20	0.02	10.0
3R5	3.5 ±20%	0.02	15.6	0.02	7.80	0.02	9.50
3R9	3.9 ±20%	0.02	14.4	0.02	7.50	0.02	9.00
4R7	4.7 ±20%	0.03	13.6	0.02	7.30	0.02	8.50
5R6	5.6 ±20%	0.03	12.5	0.03	6.40	0.02	7.80
6R8	6.8 ±20%	0.03	11.1	0.03	6.00	0.02	7.40
7R7	7.7 ±20%	0.03	10.5	0.03	5.50	0.02	7.10
8R2	8.2 ±20%	0.04	10.0	0.04	4.90	0.02	6.80
100	10 ±20%	0.04	9.60	0.04	4.30	0.03	6.00
120	12 ±20%	0.04	8.80	0.05	3.90	0.03	5.10
150	15 ±20%	0.05	8.20	0.06	3.80	0.05	4.60
180	18 ±20%	0.07	7.30	0.06	3.70	0.05	4.30
220	22 ±20%	0.08	6.30	0.08	3.40	0.06	4.00
270	27 ±20%	0.08	6.00	0.10	3.00	0.07	3.50
330	33 ±20%	0.10	5.20	0.12	2.80	0.08	3.30
390	39 ±20%	0.11	4.80	0.15	2.40	0.09	3.00
470	47 ±20%	0.14	4.10	0.16	2.30	0.10	2.80
560	56 ±20%	0.15	4.00	0.18	2.10	0.12	2.40
680	68 ±20%	0.20	3.70	0.23	1.90	0.15	2.20
820	82 ±20%	0.23	3.40	0.27	1.70	0.19	2.00
101	100 ±20%	0.26	3.10	0.32	1.40	0.23	1.60
121	120 ±20%	0.35	2.70	0.38	1.20	0.29	1.60
151	150 ±20%	0.41	2.50	0.52	1.20	0.34	1.50
181	180 ±20%	0.49	2.20	0.58	1.10	0.40	1.30
221	220 ±20%	0.65	2.00	0.77	0.90	0.48	1.20
271	270 ±20%	0.76	1.80	0.96	0.85	0.55	1.00
331	330 ±20%	0.85	1.60	1.09	0.75	0.73	0.95
391	390 ±20%	1.10	1.50	1.33	0.70	0.84	0.85
471	470 ±20%	1.25	1.40	1.59	0.65	1.03	0.75
561	560 ±20%	1.50	1.20	1.95	0.60	1.23	0.70
681	680 ±20%	1.90	1.10	2.33	0.50	1.35	0.65
821	820 ±20%	2.30	0.90	2.76	0.45	1.85	0.60
102	1000 ±20%	2.85	0.85	3.37	0.40	2.30	0.50

■ 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.