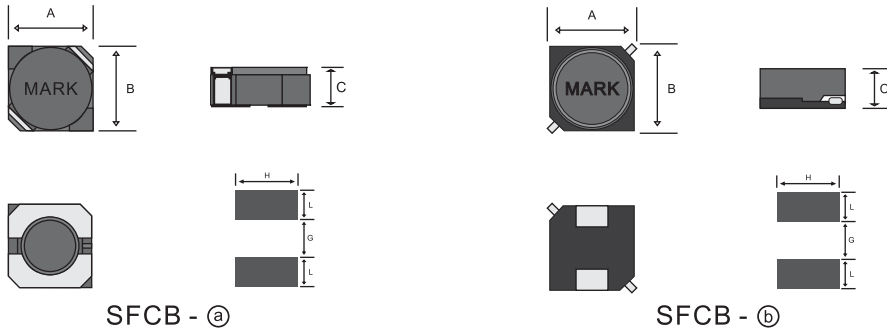


Shielded Type

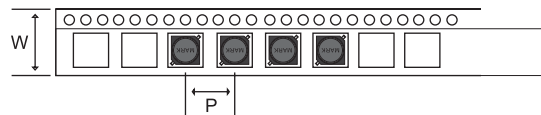
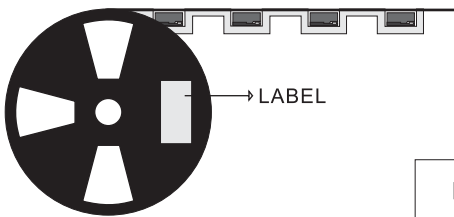
Dimensions & Recommended Land Pattern [Unit : mm]



Tolerance : ± 0.2

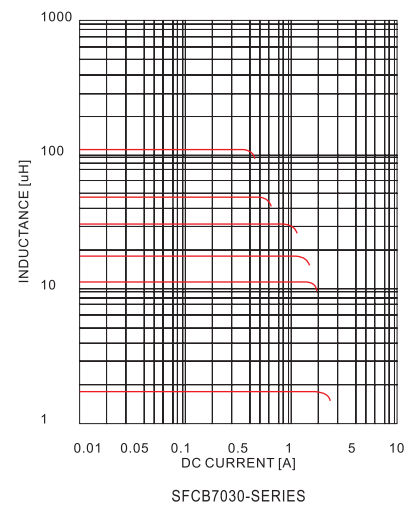
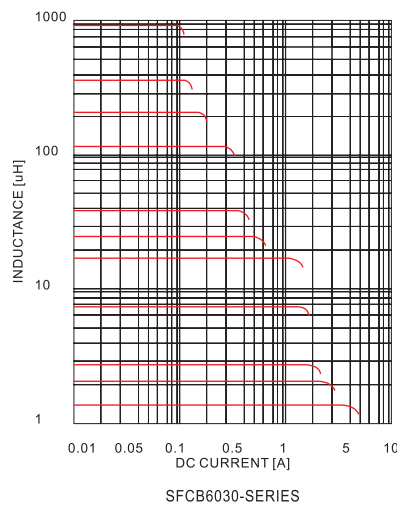
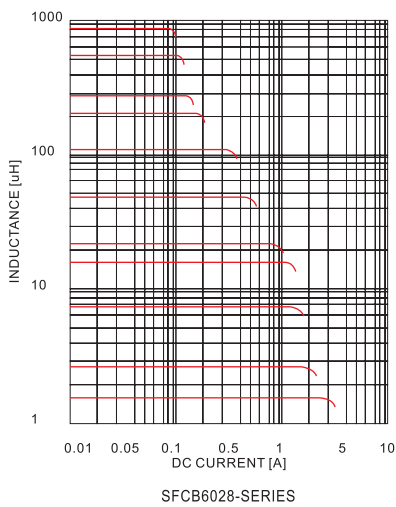
Parts NO.	A X B X C (Max)	L	G	H	Type
SFCB6028	6.0 X 6.0 X 3.0	2.00	2.60	2.50	SFCB - (b)
SFCB6030	6.0 X 6.0 X 3.0	2.15	2.00	6.30	SFCB - (a)
SFCB7030	7.0 X 7.0 X 3.0	2.65	2.00	7.30	SFCB - (a)

Packing Specification



Parts NO.	TAPE PITCH [P]	EMBOSS PITCH [W]	UNITS PER REEL
SFCB6028	12.0	16.0	1,500
SFCB6030	12.0	16.0	2,500
SFCB7030	12.0	16.0	1,500

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.		SFCB6028		SFCB6030		SFCB7030	
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	7.00	0.02	5.20	0.02	4.70
R60	0.60 ±30%	0.02	6.80	0.02	5.00	0.02	4.60
R80	0.80 ±30%	0.02	6.60	0.02	4.90	0.02	4.40
1R0	1.0 ±30%	0.03	6.00	0.02	4.80	0.02	4.30
1R2	1.2 ±30%	0.03	5.50	0.02	4.70	0.02	4.10
1R5	1.5 ±30%	0.03	4.70	0.02	4.30	0.02	3.90
1R8	1.8 ±30%	0.03	4.30	0.03	3.90	0.02	3.80
2R0	2.0 ±30%	0.03	3.70	0.03	3.50	0.02	3.50
2R2	2.2 ±20%	0.04	3.30	0.03	3.20	0.03	3.30
2R5	2.5 ±20%	0.04	3.30	0.03	2.90	0.03	3.20
3R0	3.0 ±20%	0.04	3.30	0.03	2.70	0.03	3.00
3R3	3.3 ±20%	0.04	3.30	0.03	2.60	0.03	2.80
3R5	3.5 ±20%	0.04	3.00	0.03	2.40	0.03	2.70
3R9	3.9 ±20%	0.05	3.00	0.04	2.40	0.03	2.60
4R7	4.7 ±20%	0.06	2.50	0.04	2.00	0.04	2.30
5R6	5.6 ±20%	0.06	2.40	0.04	2.00	0.04	2.00
6R8	6.8 ±20%	0.07	2.10	0.05	1.70	0.05	1.90
7R7	7.7 ±20%	0.07	2.00	0.05	1.60	0.05	1.80
8R2	8.2 ±20%	0.08	1.90	0.06	1.50	0.06	1.70
100	10 ±20%	0.10	1.80	0.07	1.40	0.07	1.70
120	12 ±20%	0.12	1.70	0.08	1.20	0.07	1.50
150	15 ±20%	0.13	1.40	0.09	1.10	0.09	1.40
180	18 ±20%	0.16	1.30	0.10	1.00	0.10	1.30
220	22 ±20%	0.17	1.30	0.13	0.95	0.13	1.20
270	27 ±20%	0.23	1.00	0.17	0.80	0.14	1.10
330	33 ±20%	0.28	0.85	0.20	0.75	0.17	0.97
390	39 ±20%	0.33	0.80	0.24	0.65	0.21	0.86
470	47 ±20%	0.41	0.75	0.29	0.60	0.24	0.80
560	56 ±20%	0.45	0.70	0.33	0.55	0.28	0.73
680	68 ±20%	0.55	0.60	0.39	0.50	0.31	0.65
820	82 ±20%	0.67	0.55	0.48	0.50	0.45	0.59
101	100 ±20%	0.76	0.50	0.55	0.40	0.54	0.54
121	120 ±20%	0.92	0.35	0.66	0.35	0.61	0.51
151	150 ±20%	1.20	0.35	0.84	0.30	0.67	0.48
181	180 ±20%	1.48	0.35	1.10	0.30	0.74	0.46
221	220 ±20%	1.74	0.30	1.35	0.25	0.79	0.43
271	270 ±20%	2.25	0.30	1.56	0.20	0.82	0.40
331	330 ±20%	2.70	0.25	1.95	0.20	0.86	0.38
391	390 ±20%	2.92	0.20	2.10	0.20	0.93	0.35
471	470 ±20%	3.87	0.20	2.40	0.15	0.97	0.33
561	560 ±20%	5.00	0.20	3.12	0.15	1.00	0.31
681	680 ±20%	5.92	0.15	3.63	0.15	1.20	0.29
821	820 ±20%	6.50	0.15	4.81	0.10	1.50	0.27
102	1000 ±20%	8.64	0.10	6.23	0.10	1.70	0.25

■ Testing Instrument

1) Inductance : HP 4284A LCR METER

2) DC Resistance : HIOKI 100 HI-TESTER 3220

■ Tested at 100kHz, 0.25 Vrms.

■ Saturation Rated Current [A] : The current when the inductance becomes 35% lower than its nominal value or temperature rise of coil becomes.