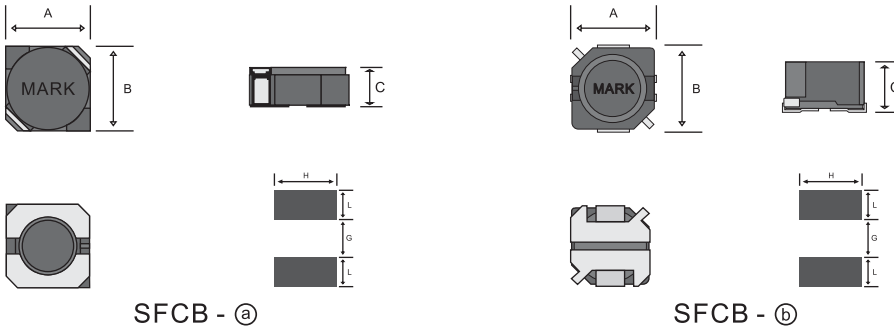


Shielded Type

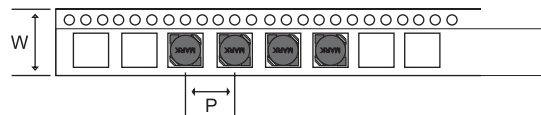
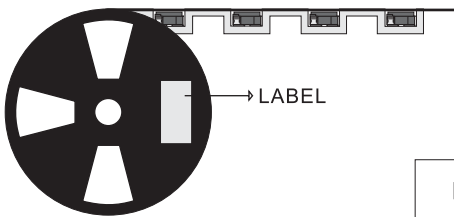
Dimensions & Recommended Land Pattern [Unit : mm]



Tolerance : ± 0.2

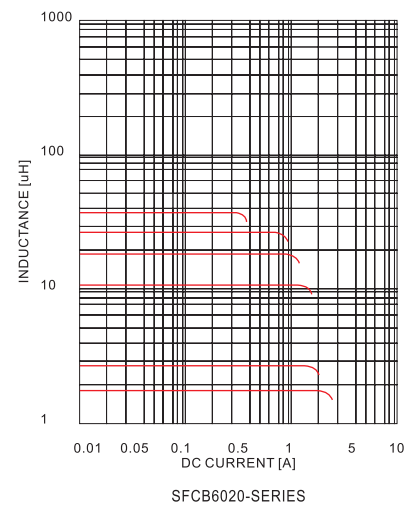
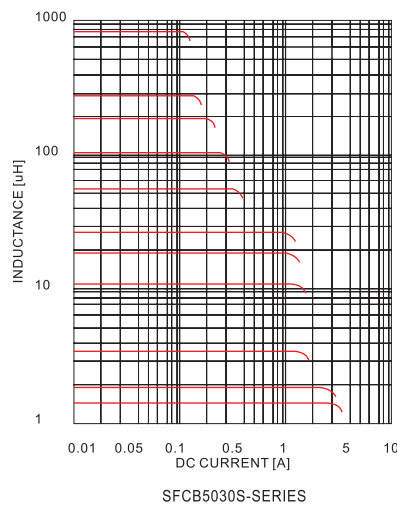
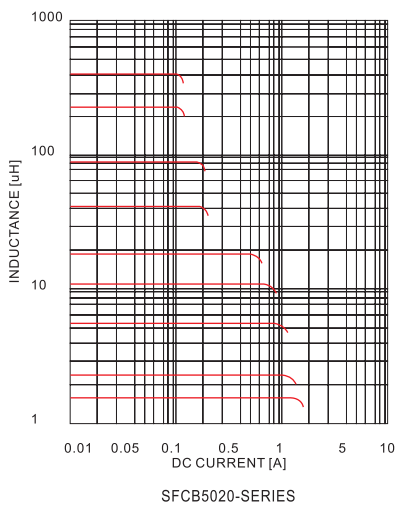
Parts NO.	A X B X C (Max)	L	G	H	Type
SFCB5020	5.0 X 5.0 X 2.0	1.90	1.50	5.30	SFCB - (a)
SFCB5030S	5.0 X 5.0 X 3.0	1.20	2.90	2.10	SFCB - (b)
SFCB6020	6.0 X 6.0 X 2.0	2.15	2.00	6.30	SFCB - (a)

Packing Specification



Parts NO.	TAPE PITCH [P]	EMBOSS PITCH [W]	UNITS PER REEL
SFCB5020	8.0	16.0	3,500
SFCB5030S	8.0	16.0	2,500
SFCB6020	8.0	16.0	3,500

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.		SFCB5020		SFCB5030S		SFCB6020	
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%	0.03	4.00	0.02	5.00	0.03	4.20
R60	0.60 ±30%	0.03	3.80	0.02	4.90	0.03	4.10
R80	0.80 ±30%	0.04	3.60	0.02	4.80	0.03	3.95
1R0	1.0 ±30%	0.04	3.30	0.03	4.80	0.03	3.80
1R2	1.2 ±30%	0.04	2.90	0.03	4.60	0.04	3.60
1R5	1.5 ±30%	0.04	2.60	0.03	4.50	0.04	3.40
1R8	1.8 ±30%	0.04	2.40	0.03	3.60	0.04	3.10
2R0	2.0 ±30%	0.05	2.30	0.03	3.40	0.04	2.80
2R2	2.2 ±20%	0.05	2.10	0.04	3.10	0.05	2.60
2R5	2.5 ±20%	0.06	1.90	0.04	2.90	0.05	2.40
3R0	3.0 ±20%	0.06	1.90	0.04	2.80	0.06	2.20
3R3	3.3 ±20%	0.07	1.80	0.05	2.70	0.06	2.00
3R5	3.5 ±20%	0.07	1.70	0.05	2.70	0.07	1.90
3R9	3.9 ±20%	0.07	1.70	0.05	2.60	0.07	1.80
4R7	4.7 ±20%	0.09	1.50	0.05	2.20	0.08	1.70
5R6	5.6 ±20%	0.10	1.40	0.06	2.00	0.09	1.60
6R8	6.8 ±20%	0.11	1.20	0.07	1.80	0.11	1.40
7R7	7.7 ±20%	0.13	1.20	0.08	1.60	0.12	1.30
8R2	8.2 ±20%	0.14	1.10	0.08	1.60	0.19	1.25
100	10 ±20%	0.16	1.00	0.09	1.60	0.13	1.20
120	12 ±20%	0.18	0.95	0.11	1.20	0.17	1.10
150	15 ±20%	0.21	0.85	0.13	1.20	0.21	0.97
180	18 ±20%	0.27	0.75	0.14	1.00	0.24	0.88
220	22 ±20%	0.30	0.65	0.15	1.00	0.27	0.80
270	27 ±20%	0.38	0.60	0.20	0.90	0.28	0.73
330	33 ±20%	0.47	0.50	0.23	0.75	0.38	0.65
390	39 ±20%	0.56	0.50	0.31	0.75	0.50	0.57
470	47 ±20%	0.65	0.40	0.37	0.65	0.53	0.54
560	56 ±20%	0.83	0.40	0.43	0.60	0.80	0.50
680	68 ±20%	0.94	0.35	0.50	0.50	0.86	0.43
820	82 ±20%	1.30	0.30	0.63	0.50	0.91	0.40
101	100 ±20%	1.43	0.30	0.70	0.40	0.98	0.36
121	120 ±20%	1.84	0.30	0.89	0.35	1.10	0.34
151	150 ±20%	2.13	0.25	1.15	0.35	1.12	0.29
181	180 ±20%	2.38	0.20	1.29	0.30	1.16	0.26
221	220 ±20%	2.71	0.15	1.72	0.30	1.23	0.24
271	270 ±20%	3.71	0.10	1.92	0.25	1.25	0.20
331	330 ±20%	4.33	0.10	2.70	0.20	1.28	0.18
391	390 ±20%	5.62	0.10	2.96	0.20	1.37	0.16
471	470 ±20%	6.06	0.10	3.82	0.15	1.40	0.14
561	560 ±20%	6.82	0.10	4.23	0.15	1.41	0.11
681	680 ±20%	7.25	0.10	4.70	0.15	1.49	0.10
821	820 ±20%	7.90	0.10	6.52	0.10	1.50	0.09
102	1000 ±20%	8.20	0.10	7.28	0.10	1.52	0.07

■ 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 35% lower than it's nominal value or temperature rise of coil becomes.