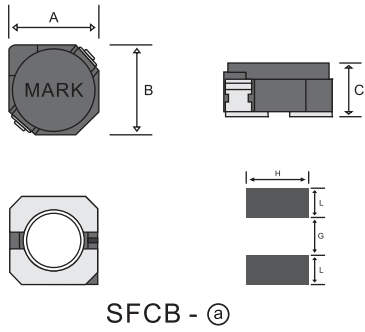


Shielded Type

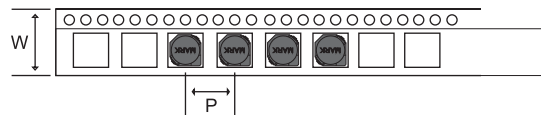
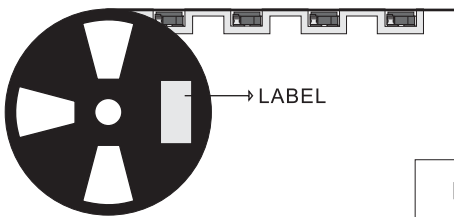
Dimensions & Recommended Land Pattern [Unit : mm]



Tolerance : ± 0.2

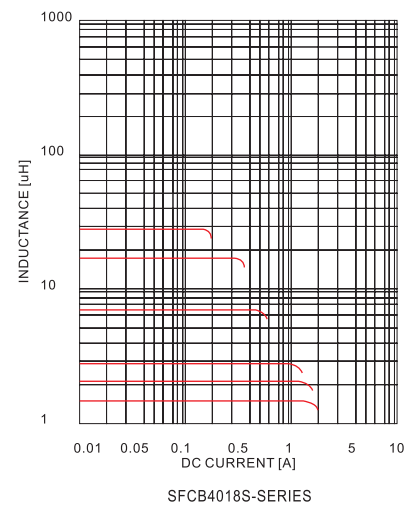
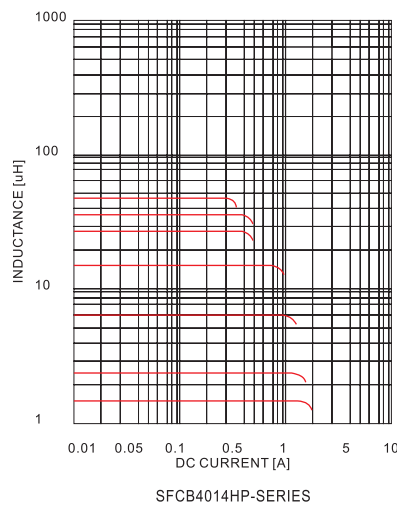
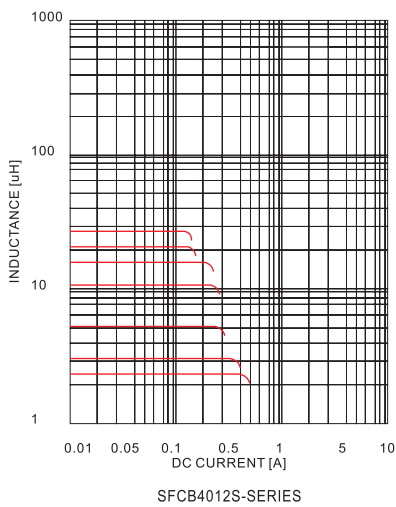
Parts NO.	A X B X C (Max)	L	G	H	Type
SFCB4012S	4.0 X 4.0 X 1.3	1.70	1.40	4.80	SFCB - @
SFCB4014HP	4.0 X 4.0 X 1.55	1.70	1.40	4.80	SFCB - @
SFCB4018S	4.0 X 4.0 X 1.8	1.70	1.40	4.80	SFCB - @

Packing Specification



Parts NO.	TAPE PITCH [P]	EMBOSS PITCH [W]	UNITS PER REEL
SFCB4012S	8.0	12.0	4,000
SFCB4014HP	8.0	12.0	2,500
SFCB4018S	8.0	12.0	4,000

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.		SFCB4012S		SFCB4014HP		SFCB4018S	
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	1.25	0.04	3.50	0.04	2.25
R60	0.60 ±30%	0.03	1.20	0.04	3.40	0.04	2.15
R80	0.80 ±30%	0.03	1.14	0.04	3.25	0.05	1.98
1R0	1.0 ±30%	0.03	1.11	0.05	3.10	0.05	1.90
1R2	1.2 ±30%	0.04	1.06	0.06	2.95	0.05	1.80
1R5	1.5 ±30%	0.04	0.99	0.07	2.80	0.06	1.60
1R8	1.8 ±30%	0.05	0.96	0.07	2.68	0.06	1.55
2R0	2.0 ±30%	0.05	0.91	0.08	2.60	0.07	1.35
2R2	2.2 ±20%	0.05	0.85	0.10	2.50	0.08	1.20
2R5	2.5 ±20%	0.06	0.83	0.12	2.38	0.08	1.16
3R0	3.0 ±20%	0.06	0.77	0.13	2.20	0.08	1.14
3R3	3.3 ±20%	0.07	0.72	0.14	2.00	0.09	1.10
3R5	3.5 ±20%	0.07	0.65	0.15	1.85	0.09	1.05
3R9	3.9 ±20%	0.07	0.61	0.16	1.74	0.09	1.00
4R7	4.7 ±20%	0.08	0.53	0.17	1.60	0.11	0.90
5R6	5.6 ±20%	0.10	0.47	0.18	1.40	0.14	0.81
6R8	6.8 ±20%	0.13	0.40	0.24	1.30	0.17	0.73
7R7	7.7 ±20%	0.16	0.37	0.25	1.25	0.18	0.69
8R2	8.2 ±20%	0.18	0.34	0.27	1.20	0.20	0.65
100	10 ±20%	0.21	0.32	0.32	1.00	0.21	0.55
120	12 ±20%	0.28	0.25	0.35	0.90	0.27	0.50
150	15 ±20%	0.38	0.23	0.38	0.80	0.30	0.45
180	18 ±20%	0.47	0.21	0.55	0.76	0.40	0.43
220	22 ±20%	0.54	0.19	0.71	0.72	0.43	0.40
270	27 ±20%	0.73	0.17	0.89	0.63	0.55	0.36
330	33 ±20%	0.83	0.15	1.03	0.53	0.68	0.32
390	39 ±20%	0.95	0.14	1.16	0.52	0.75	0.29
470	47 ±20%	1.15	0.13	1.26	0.51	0.84	0.26
560	56 ±20%	1.35	0.12	1.74	0.42	0.90	0.23
680	68 ±20%	1.43	0.11	1.90	0.37	0.95	0.20
820	82 ±20%	1.59	0.10	2.10	0.35	1.00	0.19
101	100 ±20%	1.70	0.10	2.25	0.31	1.10	0.18
121	120 ±20%	1.82	0.10	2.30	0.28	1.20	0.17
151	150 ±20%	1.94	0.09	2.38	0.24	1.30	0.16
181	180 ±20%	2.05	0.08	2.42	0.20	1.40	0.15
221	220 ±20%	2.20	0.08	2.54	0.18	1.50	0.14
271	270 ±20%	2.35	0.07	2.60	0.15	1.60	0.13
331	330 ±20%	2.50	0.07	2.71	0.12	1.70	0.12
391	390 ±20%	2.60	0.07	2.77	0.11	1.80	0.11
471	470 ±20%	2.70	0.06	2.89	0.09	1.90	0.09
561	560 ±20%	2.80	0.06	3.25	0.09	2.00	0.09
681	680 ±20%	2.90	0.06	3.35	0.08	2.10	0.08
821	820 ±20%	3.00	0.05	3.48	0.07	2.20	0.07
102	1000 ±20%	3.20	0.05	3.60	0.06	2.30	0.06

■ 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.