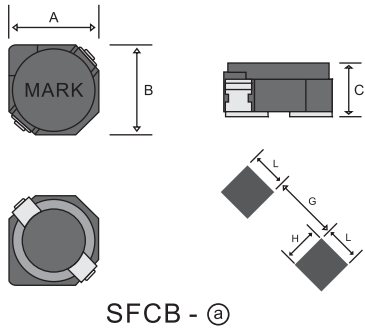


# Shielded Type

## Dimensions & Recommended Land Pattern [Unit : mm]

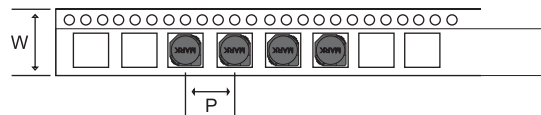
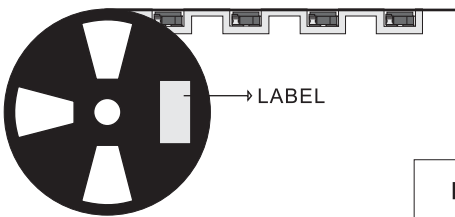


Tolerance :  $\pm 0.2$

SFCB - ③

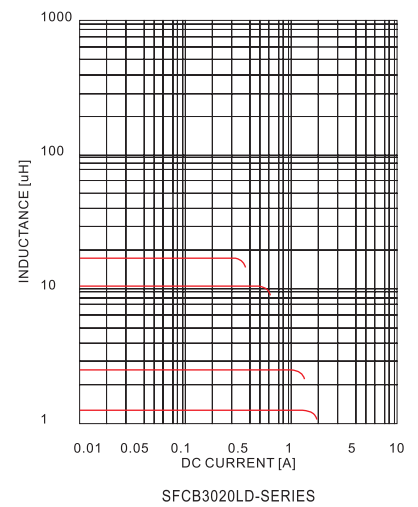
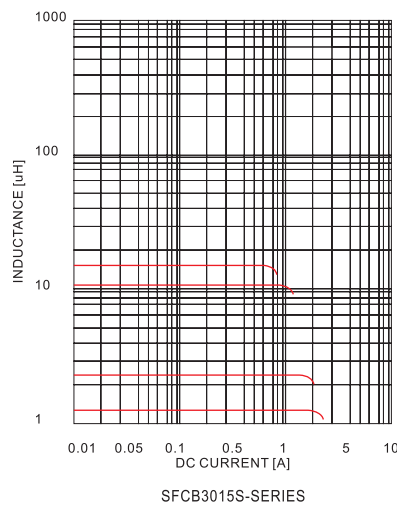
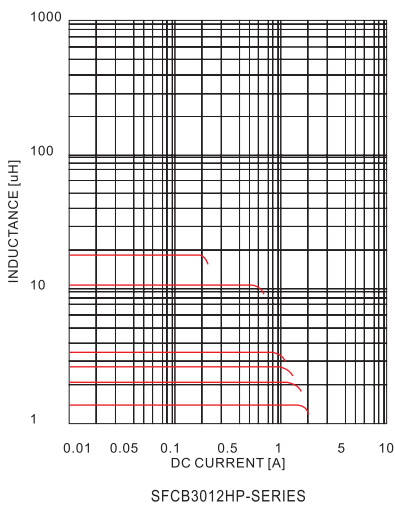
Parts NO.	A X B X C (Max)	L	G	H	Type
SFCB3012HP	3.2 X 3.2 X 1.2	1.30	1.70	1.30	SFCB - ③
SFCB3015S	3.2 X 3.2 X 1.55	1.30	1.70	1.30	SFCB - ③
SFCB3020LD	3.2 X 3.2 X 2.0	1.30	1.70	1.30	SFCB - ③

## Packing Specification



Parts NO.	TAPE PITCH [P]	EMBOSS PITCH [W]	UNITS PER REEL
SFCB3012HP	4.0	12.0	2,000
SFCB3015S	4.0	12.0	2,500
SFCB3020LD	4.0	12.0	2,000

## 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.		SFCB3012HP		SFCB3015S		SFCB3020LD	
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%	0.12	1.98	0.05	3.00	0.03	1.65
R60	0.60 ±30%	0.12	1.95	0.05	2.80	0.03	1.60
R80	0.80 ±30%	0.12	1.92	0.05	2.70	0.03	1.52
1R0	1.0 ±30%	0.12	1.88	0.05	2.60	0.03	1.48
1R2	1.2 ±30%	0.13	1.84	0.05	2.40	0.03	1.45
1R5	1.5 ±30%	0.13	1.81	0.05	2.30	0.04	1.40
1R8	1.8 ±30%	0.13	1.78	0.08	2.20	0.05	1.32
2R0	2.0 ±30%	0.14	1.70	0.10	2.00	0.05	1.28
2R2	2.2 ±20%	0.15	1.60	0.12	1.90	0.06	1.21
2R5	2.5 ±20%	0.17	1.40	0.16	1.80	0.06	1.15
3R0	3.0 ±20%	0.19	1.30	0.18	1.70	0.07	1.12
3R3	3.3 ±20%	0.20	1.10	0.20	1.60	0.07	0.98
3R5	3.5 ±20%	0.23	1.00	0.21	1.40	0.08	0.92
3R9	3.9 ±20%	0.26	0.95	0.22	1.30	0.09	0.89
4R7	4.7 ±20%	0.29	0.90	0.23	1.20	0.10	0.85
5R6	5.6 ±20%	0.38	0.82	0.27	1.12	0.10	0.81
6R8	6.8 ±20%	0.38	0.72	0.30	1.08	0.13	0.76
7R7	7.7 ±20%	0.45	0.69	0.32	0.95	0.16	0.70
8R2	8.2 ±20%	0.53	0.65	0.35	0.87	0.18	0.63
100	10 ±20%	0.60	0.60	0.34	0.81	0.20	0.52
120	12 ±20%	0.78	0.51	0.45	0.70	0.25	0.48
150	15 ±20%	0.95	0.48	0.53	0.62	0.30	0.43
180	18 ±20%	1.11	0.42	0.59	0.58	0.33	0.40
220	22 ±20%	1.21	0.38	0.63	0.53	0.38	0.38
270	27 ±20%	1.30	0.36	0.68	0.48	0.42	0.36
330	33 ±20%	1.39	0.34	0.69	0.44	0.46	0.31
390	39 ±20%	1.45	0.30	0.73	0.41	0.50	0.29
470	47 ±20%	1.52	0.26	0.77	0.39	0.53	0.27
560	56 ±20%	1.60	0.22	0.81	0.36	0.57	0.24
680	68 ±20%	1.67	0.20	0.93	0.32	0.60	0.22
820	82 ±20%	1.74	0.18	0.98	0.28	0.62	0.20
101	100 ±20%	1.83	0.15	1.02	0.23	0.66	0.17
121	120 ±20%	1.90	0.13	1.24	0.20	0.70	0.15
151	150 ±20%	2.00	0.11	1.40	0.18	0.74	0.13
181	180 ±20%	2.50	0.10	1.55	0.16	0.77	0.10
221	220 ±20%	3.00	0.08	1.74	0.14	0.79	0.09
271	270 ±20%	3.50	0.08	1.90	0.13	0.81	0.08
331	330 ±20%	3.80	0.07	2.10	0.11	0.83	0.08
391	390 ±20%	4.00	0.06	2.32	0.10	0.85	0.07
471	470 ±20%	4.50	0.06	2.45	0.10	0.89	0.07
561	560 ±20%	4.80	0.06	2.55	0.09	0.91	0.07
681	680 ±20%	5.30	0.06	2.63	0.08	0.94	0.06
821	820 ±20%	5.80	0.06	2.75	0.08	0.97	0.06
102	1000 ±20%	6.20	0.05	2.90	0.07	1.00	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.