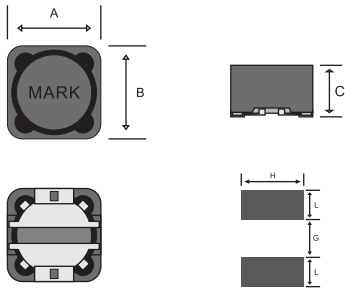


Shielded Type

Dimensions & Recommended Land Pattern [Unit : mm]

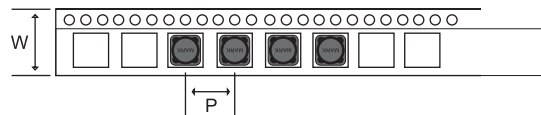
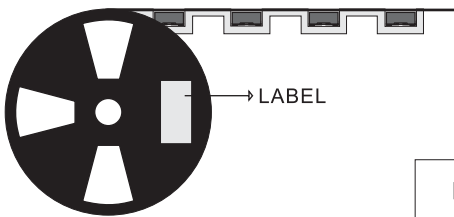


SFCB - ②

Tolerance : ± 0.2

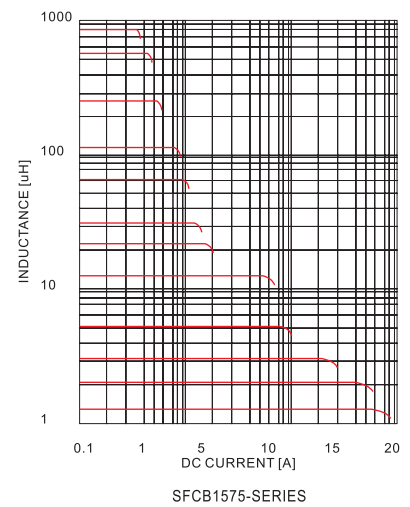
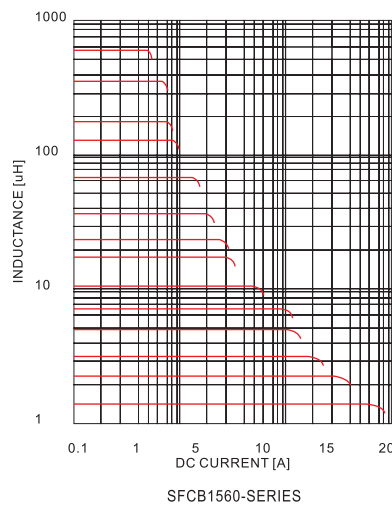
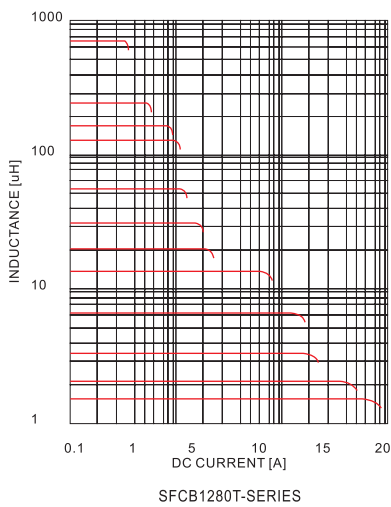
Parts NO.	A X B X C (Max)	L	G	H	Type
SFCB1280T	12.0 X 12.0 X 8.0	2.80	7.00	5.40	SFCB - ②
SFCB1560	15.0 X 15.0 X 6.0	3.30	8.90	5.90	SFCB - ②
SFCB1575	15.0 X 15.0 X 7.5	3.30	8.90	5.90	SFCB - ②

Packing Specification



Parts NO.	TAPE PITCH [P]	EMBOSS PITCH [W]	UNITS PER REEL
SFCB1280T	16.0	24.0	500
SFCB1560	24.0	32.0	250
SFCB1575	24.0	32.0	250

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.		SFCB1280T		SFCB1560		SFCB1575	
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	20.0	0.02	20.0
R60	0.60 ±30%	0.02	20.0	0.02	20.0	0.02	20.0
R80	0.80 ±30%	0.02	20.0	0.02	20.0	0.02	20.0
1R0	1.0 ±30%	0.02	20.0	0.02	18.5	0.02	20.0
1R2	1.2 ±30%	0.02	20.0	0.02	17.5	0.02	19.5
1R5	1.5 ±30%	0.02	19.1	0.02	16.0	0.02	18.5
1R8	1.8 ±30%	0.02	17.4	0.02	15.2	0.02	16.8
2R0	2.0 ±30%	0.02	16.2	0.02	13.8	0.02	15.6
2R2	2.2 ±20%	0.02	15.5	0.02	12.0	0.02	14.6
2R5	2.5 ±20%	0.02	15.7	0.02	11.5	0.02	13.5
3R0	3.0 ±20%	0.02	14.4	0.02	11.0	0.02	12.5
3R3	3.3 ±20%	0.02	13.5	0.02	10.6	0.02	11.9
3R5	3.5 ±20%	0.02	12.2	0.02	10.0	0.02	11.5
3R9	3.9 ±20%	0.02	11.8	0.02	9.20	0.02	11.0
4R7	4.7 ±20%	0.02	11.3	0.02	8.50	0.02	10.7
5R6	5.6 ±20%	0.02	10.5	0.02	8.00	0.02	9.50
6R8	6.8 ±20%	0.02	9.70	0.02	7.50	0.02	9.40
7R7	7.7 ±20%	0.02	9.20	0.02	7.00	0.02	9.30
8R2	8.2 ±20%	0.02	8.40	0.02	6.80	0.02	7.80
100	10 ±20%	0.02	8.80	0.02	6.60	0.02	6.90
120	12 ±20%	0.02	7.50	0.02	6.00	0.02	6.80
150	15 ±20%	0.02	6.30	0.03	5.10	0.02	6.50
180	18 ±20%	0.03	5.90	0.04	4.40	0.02	5.90
220	22 ±20%	0.03	5.40	0.05	4.30	0.03	5.20
270	27 ±20%	0.04	4.50	0.05	4.00	0.04	5.10
330	33 ±20%	0.04	4.00	0.06	3.60	0.04	4.20
390	39 ±20%	0.04	3.40	0.06	3.10	0.05	3.80
470	47 ±20%	0.06	3.60	0.08	2.60	0.05	3.70
560	56 ±20%	0.07	3.30	0.09	2.50	0.07	3.10
680	68 ±20%	0.07	2.80	0.10	2.30	0.07	2.50
820	82 ±20%	0.10	2.60	0.13	2.30	0.08	2.40
101	100 ±20%	0.11	2.10	0.15	1.70	0.10	2.40
121	120 ±20%	0.14	2.00	0.16	1.70	0.11	1.90
151	150 ±20%	0.15	1.80	0.21	1.60	0.14	1.70
181	180 ±20%	0.18	1.80	0.24	1.40	0.17	1.60
221	220 ±20%	0.23	1.60	0.32	1.20	0.19	1.60
271	270 ±20%	0.26	1.50	0.38	1.10	0.25	1.50
331	330 ±20%	0.32	1.30	0.43	1.00	0.29	1.30
391	390 ±20%	0.41	1.10	0.49	0.95	0.34	1.10
471	470 ±20%	0.49	0.90	0.60	0.85	0.42	1.10
561	560 ±20%	0.53	0.85	0.73	0.75	0.55	0.90
681	680 ±20%	0.68	0.85	0.90	0.60	0.62	0.90
821	820 ±20%	0.80	0.80	1.22	0.60	0.75	0.65
102	1000 ±20%	0.93	0.25	1.35	0.60	0.85	0.60

■ 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 20% lower than its nominal value or temperature rise of coil becomes.