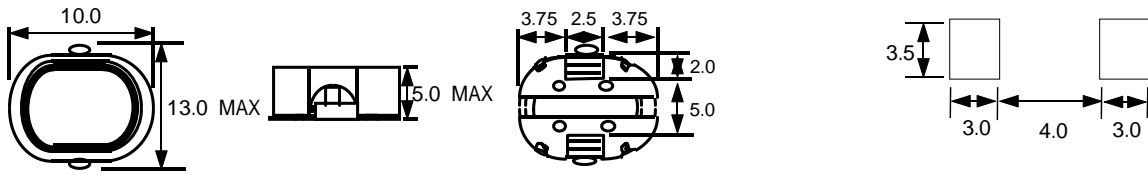


SFCB1045 SERIES

Shielded Type

Dimensions & Recommended Land Pattern [Unit : mm]



Tolerance : ± 0.2

Electrical Characteristics

Part No.	Inductance (uH)	DC Resistance () Max	Rated Current (A) Max.
SFCB1045-2R9100	10.0 uH $\pm 20\%$	0.045	2.90
SFCB1045-2R3150	15.0 uH $\pm 20\%$	0.061	2.30
SFCB1045-1R9220	22.0 uH $\pm 20\%$	0.076	1.90
SFCB1045-1R5330	33.0 uH $\pm 20\%$	0.104	1.50
SFCB1045-1R3470	47.0 uH $\pm 20\%$	0.150	1.30
SFCB1045-1R1680	68.0 uH $\pm 20\%$	0.200	1.10
SFCB1045-1R0101	100 uH $\pm 20\%$	0.300	1.00
SFCB1045-R65221	220 uH $\pm 20\%$	0.590	0.65
	270 uH $\pm 20\%$		

Testing Instrument :

- 1) Inductance : HP 4284A LCR METER
- 2) DC Resistance : HIOKI m Hi-TESTER 3220

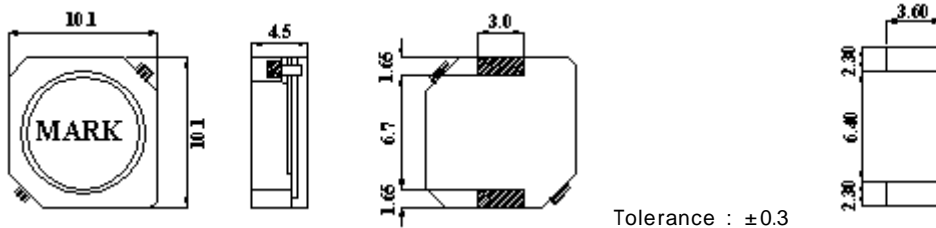
Tested at 100kHz, 0.25 Vrms.

Rated Current (A) : The current when the inductance becomes 20% lower than its nominal value or temperature rise of coil becomes $T=40$. ($T_a=20$)

SFCB1046 SERIES

Shielded Type

Dimensions & Recommended Land Pattern [Unit : mm]



Tolerance : ± 0.3

Electrical Characteristics

Part No.	Inductance (uH)	DC Resistance () Max	Rated Current (A) Max.
SFCB1046-10R01R3	1.3 uH $\pm 30\%$	0.008	10.0
SFCB1046-7R52R5	2.5 uH $\pm 30\%$	0.010	7.50
SFCB1046-6R03R8	3.8 uH $\pm 30\%$	0.013	6.00
SFCB1046-5R55R2	5.2 uH $\pm 30\%$	0.022	5.50
SFCB1046-4R87R0	7.0 uH $\pm 30\%$	0.027	4.80
SFCB1046-4R4100	10.0 uH $\pm 20\%$	0.035	4.40
SFCB1046-3R6150	15.0 uH $\pm 20\%$	0.050	3.60
SFCB1046-2R9220	22.0 uH $\pm 20\%$	0.073	2.90
SFCB1046-2R3330	33.0 uH $\pm 20\%$	0.093	2.30
SFCB1046-2R1470	47.0 uH $\pm 20\%$	0.128	2.10
SFCB1046-1R5680	68.0 uH $\pm 20\%$	0.213	1.50
SFCB1046-1R3101	100 uH $\pm 20\%$	0.304	1.30
SFCB1046-1R1151	150 uH $\pm 20\%$	0.506	1.10
SFCB1046-R90221	220 uH $\pm 20\%$	0.756	0.90
SFCB1046-R70331	330 uH $\pm 20\%$	1.090	0.70

Testing Instrument :

- 1) Inductance : HP 4284A LCR METER
- 2) DC Resistance : HIOKI m Hi-TESTER 3220

Tested at 100kHz, 0.25 Vrms.

Rated Current (A) : The current when the inductance becomes 35% lower than its nominal value or temperature rise of coil becomes $T=30$. ($T_a=20$)

