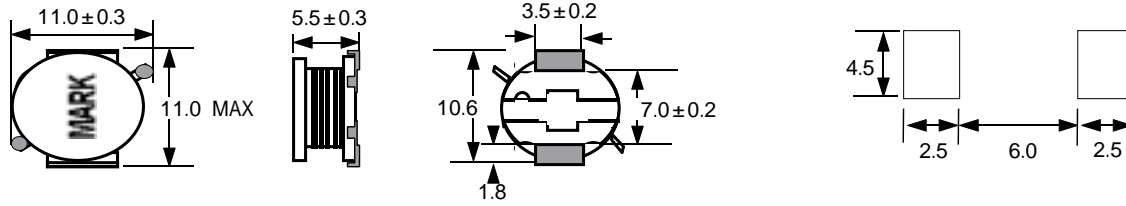


SFOB1055 SERIES

Unshielded Type

Dimensions & Recommended Land Pattern [Unit : mm]



Electrical Characteristics

Part No.	Inductance (uH)	DC Resistance () Max	Saturation Rated Current (A) Max.	Temperature Rise Current (A) Max.
SFOB1055-3R8100	10.0 uH ±20%	0.04	5.40	3.80
SFOB1055-2R5220	22.0 uH ±20%	0.095	3.70	2.50
SFOB1055-2R3270	27.0 uH ±20%	0.10	3.30	2.30
SFOB1055-2R0330	33.0 uH ±20%	0.11	3.00	2.00
SFOB1055-1R7470	47.0 uH ±20%	0.16	2.50	1.70
SFOB1055-1R6560	56.0 uH ±20%	0.18	2.30	1.60
SFOB1055-1R4680	68.0 uH ±20%	0.21	2.10	1.40
SFOB1055-1R3820	82.0 uH ±20%	0.27	1.91	1.33
SFOB1055-1R2101	100 uH ±20%	0.30	1.70	1.20
SFOB1055-R81221	220 uH ±20%	0.70	1.10	0.81
SFOB1055-R73271	270 uH ±20%	0.94	1.00	0.73
SFOB1055-R66331	330 uH ±20%	1.07	0.95	0.66
SFOB1055-R55471	470 uH ±20%	1.45	0.80	0.55
SFOB1055-R50561	560 uH ±20%	1.73	0.73	0.50
SFOB1055-R46681	680 uH ±20%	2.18	0.66	0.46

Testing Instrument :

1) Inductance : HP 4284A LCR METER

2) DC Resistance : HIOKI m Hi-TESTER 3220

Tested at 100kHz, 0.25 Vrms.

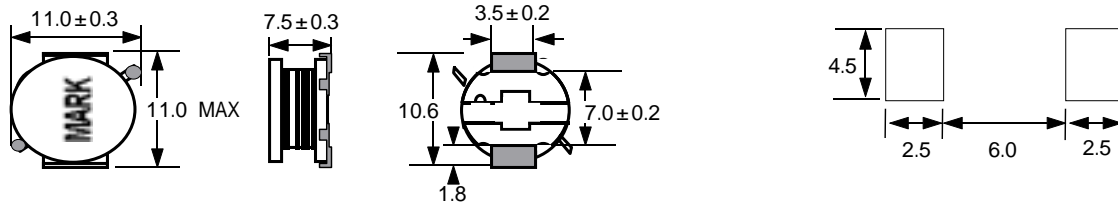
Saturation Rated Current (A) : The current when the inductance becomes 10% lower than its nominal value. (Ta=20)

Temperature Rise Current (Typ.) : The actual current when temperature of coil becomes T=25 . (Ta=20)

SFOB1080 SERIES

Unshielded Type

Dimensions & Recommended Land Pattern [Unit : mm]



Electrical Characteristics

Part No.	Inductance (uH)	DC Resistance () Max	Saturation Rated Current (A) Max.	Temperature Rise Current (A) Max.
SFOB1080-6R4688	6.8 uH ±20%	0.036	8.20	6.40
SFOB1080-5R3100	10.0 uH ±20%	0.049	6.70	5.30
SFOB1080-3R6220	22.0 uH ±20%	0.08	4.50	3.60
SFOB1080-2R9330	33.0 uH ±20%	0.11	3.70	2.90
SFOB1080-2R4470	47.0 uH ±20%	0.17	3.10	2.40
SFOB1080-2R2560	56.0 uH ±20%	0.20	2.80	2.20
SFOB1080-2R0680	68.0 uH ±20%	0.24	2.60	2.00
SFOB1080-1R7101	100 uH ±20%	0.35	2.10	1.70
SFOB1080-1R1221	220 uH ±20%	0.74	1.40	1.10
SFOB1080-R90331	330 uH ±20%	1.00	1.10	0.90
SFOB1080-R78471	470 uH ±20%	1.46	1.00	0.78
SFOB1080-R65681	680 uH ±20%	2.34	0.82	0.65
SFOB1080-R54102	1000 uH ±20%	3.64	0.68	0.54

Testing Instrument :

1) Inductance : HP 4284A LCR METER

2) DC Resistance : HIOKI m Hi-TESTER 3220

Tested at 100kHz, 0.25 Vrms.

Saturation Rated Current (A) : The current when the inductance becomes 10% lower than its nominal value. (Ta=20)

Temperature Rise Current (Typ.) : The actual current when temperature of coil becomes T=45 . (Ta=20)

