SFOP1054 SERIES
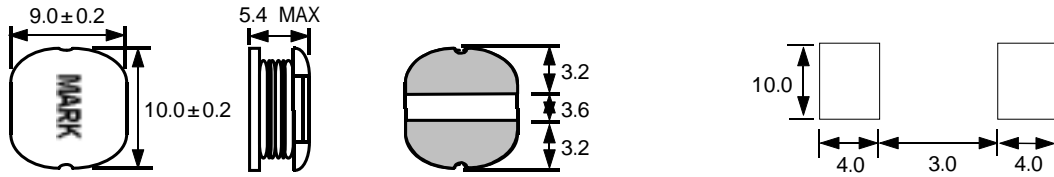
Dimensions & Recommended Land Pattern [Unit : mm]

Electrical Characteristics

Part No.	Inductance (uH)	DC Resistance ( ) Max	Rated Current (A) Max.
SFOP1054-4R66R8	6.8uH ± 20%	-	4.60
SFOP1054-2R6100	10.0uH ± 20%	0.06	2.60
SFOP1054-2R2150	15.0uH ± 20%	0.08	2.27
SFOP1054-1R9220	22.0uH ± 20%	0.10	1.95
SFOP1054-1R7270	27.0uH ± 20%	0.11	1.76
SFOP1054-1R5330	33.0uH ± 20%	0.12	1.50
SFOP1054-1R3390	39.0uH ± 20%	0.14	1.37
SFOP1054-1R2470	47.0uH ± 20%	0.17	1.28
SFOP1054-1R1560	56.0uH ± 20%	0.19	1.17
SFOP1054-1R1680	68.0uH ± 20%	0.22	1.11
SFOP1054-R97101	100uH ± 20%	0.35	0.97
SFOP1054-R78151	150uH ± 20%	0.47	0.78
SFOP1054-R66221	220uH ± 20%	0.73	0.66
SFOP1054-R52331	330uH ± 20%	1.15	0.52
SFOP1054-R42471	470uH ± 20%	1.48	0.42
SFOP1054-R33561	560uH ± 20%	1.90	0.33
SFOP1054-R28681	680uH ± 20%	2.25	0.28

Testing Instrument :
1) Inductance : HP 4284A LCR METER
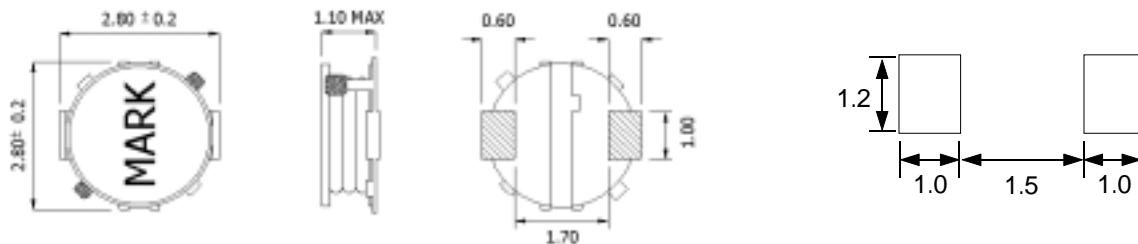2) DC Resistance : HIOKI m Hi-TESTER 3220
Tested at 100kHz, 0.25 Vrms.
Rated Current (A) : The current when the inductance becomes 10% lower than its nominal value or
temperature rise of coil becomes T=40 . (Ta=20)

SFOB2811 SERIES

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.
SFOB2811-R504R7	4.7 uH ± 20%	0.456 (0.351)	1.30	0.50
SFOB2811-R406R8	6.8 uH ± 20%	0.630 (0.485)	0.87	0.40
SFOB2811-R35100	10.0 uH ± 20%	0.856 (0.659)	0.76	0.35
SFOB2811-R28150	15.0 uH ± 20%	1.289 (0.992)	0.61	0.28
SFOB2811-R20220	22.0 uH ± 20%	2.401 (1.847)	0.47	0.20

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)