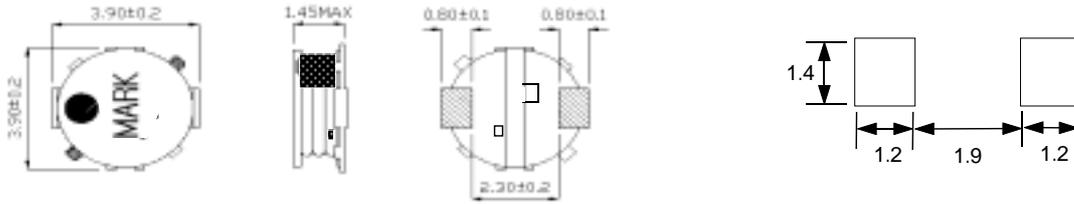


SFOB3512 SERIES

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.
SFOB3512-1R04R7	4.7 uH ±20%	0.20	0.90	1.00
SFOB3512-R836R8	6.8 uH ±20%	0.30	0.80	0.83
SFOB3512-R69100	10.0 uH ±20%	0.46	0.68	0.69
SFOB3512-R56150	15.0 uH ±20%	0.60	0.52	0.56
SFOB3512-R46220	22.0 uH ±20%	1.00	0.44	0.46
SFOB3512-R37330	33.0 uH ±20%	1.65	0.35	0.37
SFOB3512-R31470	47.0 uH ±20%	1.80	0.30	0.31
SFOB3512-R29560	56.0 uH ±20%	2.12	0.27	0.29
SFOB3512-R26680	68.0 uH ±20%	2.80	0.25	0.26

Testing Instrument :

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

Tested at 100kHz, 0.25 Vrms.

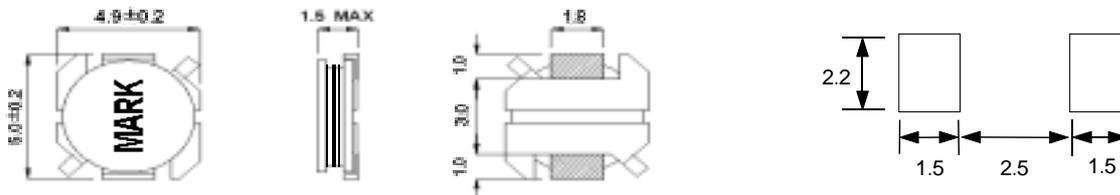
Saturation Rated Current (A) : The current when the inductance becomes 10% lower than its nominal value. (Ta=20)

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

SFOB4814 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.
SFOB4814-1R44R7	4.7 uH ±20%	0.17	1.30	1.40
SFOB4814-R96100	10.0 uH ±20%	0.30	1.00	0.96
SFOB4814-R78150	15.0 uH ±20%	0.46	0.70	0.78
SFOB4814-R64220	22.0 uH ±20%	0.56	0.65	0.64
SFOB4814-R52330	33.0 uH ±20%	0.80	0.45	0.52
SFOB4814-R44470	47.0 uH ±20%	1.24	0.42	0.44
SFOB4814-R40560	56.0 uH ±20%	1.36	0.40	0.40
SFOB4814-R36680	68.0 uH ±20%	1.80	0.36	0.36

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)