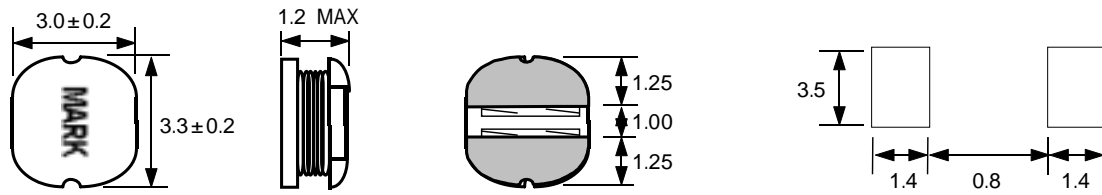


## SFOP3511 SERIES

Unshielded Type

Dimensions & Recommended Land Pattern [Unit : mm]



Electrical Characteristics

Part No.	Inductance (uH)	DC Resistance ( ) Max	Rated Current (A) Max.	Temperature Rise Current (A) Max.
	4.7uH ±20%			
	6.8uH ±20%			
	8.2uH ±20%			
SFOP3511-R80100	10.0uH ±20%	0.505 (0.389)	0.83	0.80
	12.0uH ±20%			
SFOP3511-R60150	15.0uH ±20%	0.751 (0.578)	0.60	0.62
	18.0uH ±20%			
	22.0uH ±20%			
	27.0uH ±20%			

Testing Instrument :

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

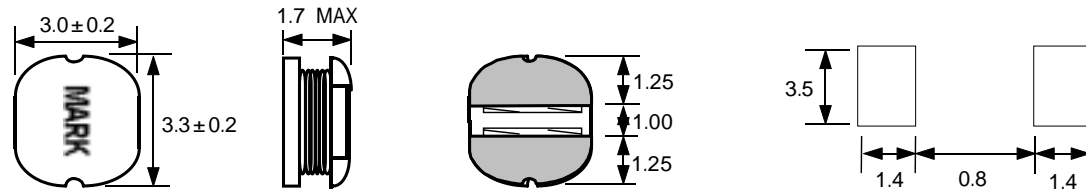
Tested at 100kHz, 0.25 Vrms.

Rated Current (A) : The current when the inductance becomes 10% lower than its nominal value or temperature rise of coil becomes  $T=40$  . ( $T_a=20$  )

## SFOP3515 SERIES

Unshielded Type

Dimensions & Recommended Land Pattern [Unit : mm]



Electrical Characteristics

Part No.	Inductance (uH)	DC Resistance ( ) Max	Rated Current (A) Max.
SFOP3515-R792R2	2.2uH ±20%	0.13	0.79
SFOP3515-R654R7	4.7uH ±20%	0.20	0.65
SFOP3515-R45100	10.0uH ±20%	0.39	0.45
SFOP3515-R30150	15.0uH ±20%	0.76	0.30
SFOP3515-R25220	22.0uH ±20%	0.93	0.25
SFOP3515-R20330	33.0uH ±20%	1.43	0.20
SFOP3515-R17470	47.0uH ±20%	1.69	0.17
SFOP3515-R13680	68.0uH ±20%	2.86	0.13
SFOP3515-R10101	100uH ±20%	4.55	0.10
SFOP3515-R03122	1200uH ±20%	49.50	0.03

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  $T=40$  . ( $T_a=20$  )