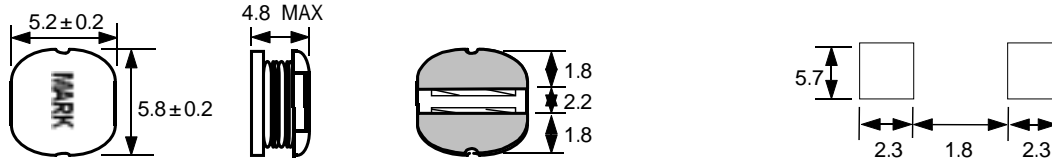


SFOP5845 SERIES

Unshielded Type

Dimensions & Recommended Land Pattern [Unit : mm]



Electrical Characteristics

Part No.	Inductance (uH)	DC Resistance () Max	Rated Current (A) Max.
SFOP5845-1R4100	10.0uH ±20%	0.13	1.44
SFOP5845-1R4120	12.0uH ±20%	0.16	1.40
SFOP5845-1R3150	15.0uH ±20%	0.18	1.30
SFOP5845-1R2180	18.0uH ±20%	0.20	1.23
SFOP5845-1R1220	22.0uH ±20%	0.23	1.11
SFOP5845-R97270	27.0uH ±20%	0.26	0.97
SFOP5845-R88330	33.0uH ±20%	0.30	0.88
SFOP5845-R80390	39.0uH ±20%	0.42	0.80
SFOP5845-R72470	47.0uH ±20%	0.48	0.72
SFOP5845-R68560	56.0uH ±20%	0.55	0.68
SFOP5845-R61680	68.0uH ±20%	0.60	0.61
SFOP5845-R58820	82.0uH ±20%	0.78	0.58
SFOP5845-R52101	100uH ±20%	0.91	0.52
SFOP5845-R48121	120uH ±20%	1.21	0.48
SFOP5845-R40151	150uH ±20%	1.43	0.40
SFOP5845-R38181	180uH ±20%	1.80	0.38
SFOP5845-R35221	220uH ±20%	2.04	0.35

Testing Instrument :

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

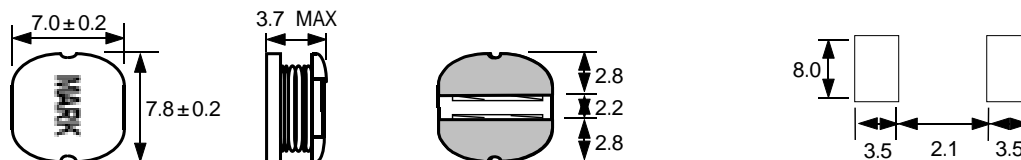
Tested at 100kHz, 0.25 Vrms.

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

SFOP7835 SERIES

Unshielded Type

Dimensions & Recommended Land Pattern [Unit : mm]



Electrical Characteristics

Part No.	Inductance (uH)	DC Resistance () Max	Rated Current (A) Max.
SFOP7835-1R4100	10.0uH ±20%	0.081	1.40
SFOP7835-1R2150	15.0uH ±20%	0.104	1.20
SFOP7835-1R1180	18.0uH ±20%	0.111	1.10
SFOP7835-1R0220	22.0uH ±20%	0.129	1.00
SFOP7835-R85330	33.0uH ±20%	0.170	0.85
SFOP7835-R74390	39.0uH ±20%	0.217	0.74
SFOP7835-R68470	47.0uH ±20%	0.252	0.68
SFOP7835-R64560	56.0uH ±20%	0.282	0.64
SFOP7835-R59680	68.0uH ±20%	0.332	0.59
SFOP7835-R51101	100uH ±20%	0.481	0.51
SFOP7835-R31221	220uH ±20%	1.200	0.31
SFOP7835-R28331	330uH ±20%	1.495	0.28
SFOP7835-R25471	470uH ±20%	3.000	0.25

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