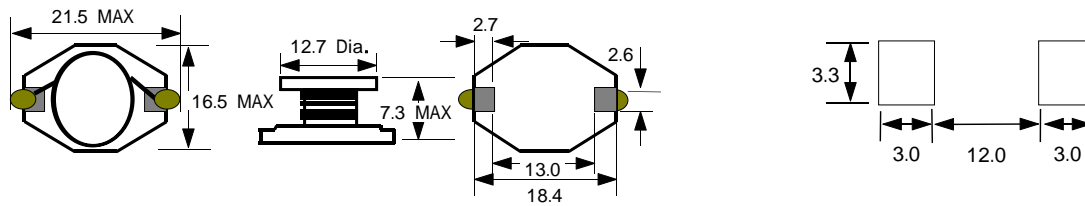


SFOB1870 SERIES

Unshielded Type

Dimensions & Recommended Land Pattern [Unit : mm]



Electrical Characteristics

Part No.	Inductance (uH)	DC Resistance () Max	Rated Current (A) Max.
SFOB1870-14R03R3	3.3 uH ±20%	0.018	14.0
SFOB1870-12R05R6	5.6 uH ±20%	0.020	12.0
SFOB1870-10R0100	10.0 uH ±20%	0.031	10.0
SFOB1870-8R0150	15.0 uH ±20%	0.036	8.00
SFOB1870-7R0220	22.0 uH ±20%	0.047	7.00
SFOB1870-5R5330	33.0 uH ±20%	0.066	5.50
SFOB1870-4R5470	47.0 uH ±20%	0.086	4.50
SFOB1870-3R5680	68.0 uH ±20%	0.130	3.50
SFOB1870-3R0101	100 uH ±20%	0.190	3.00
SFOB1870-2R6151	150 uH ±20%	0.250	2.60
SFOB1870-2R4221	220 uH ±20%	0.380	2.40
SFOB1870-1R9331	330 uH ±20%	0.560	1.90
SFOB1870-1R4471	470 uH ±20%	0.850	1.40
SFOB1870-1R2681	680 uH ±20%	1.100	1.20
SFOB1870-1R0102	1000 uH ±20%	1.800	1.00

Testing Instrument :

1) Inductance : HP 4284A LCR METER

2) DC Resistance : HIOKI m Hi-TESTER 3220

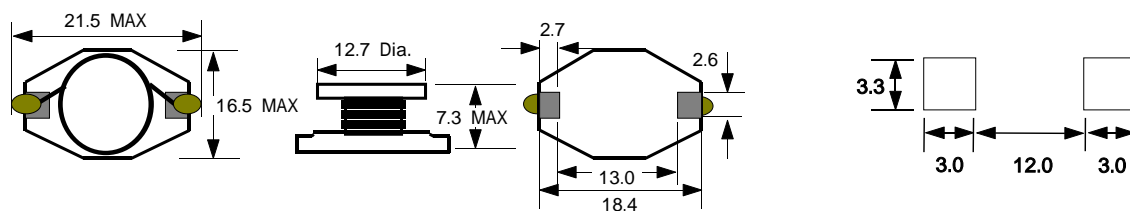
Tested at 100kHz, 0.25 Vrms.

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

SFOB1870M SERIES

Unshielded Type

Dimensions & Recommended Land Pattern [Unit : mm]



Electrical Characteristics

Part No.	Inductance (uH)	DC Resistance () Max	Rated Current (A) Max.
SFOB1870M-25R01R5	1.5 uH ±20%	0.0040	25.0
SFOB1870M-20R02R2	2.2 uH ±20%	0.0060	20.0
SFOB1870M-17R03R3	3.3 uH ±20%	0.0086	17.0
SFOB1870M-15R03R9	3.9 uH ±20%	0.0100	15.0
SFOB1870M-13R04R7	4.7 uH ±20%	0.0140	13.0
SFOB1870M-12R06R0	6.0 uH ±20%	0.0170	12.0
SFOB1870M-10R0100	10.0 uH ±20%	0.0260	10.0
SFOB1870M-8R0150	15.0 uH ±20%	0.0320	8.00

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