

SFCB4018S SERIES

Shielded Type

Dimensions & Recommended Land Pattern [Unit : mm]



Electrical Characteristics

Part No.	Inductance (uH)	DC Resistance () Max	Saturation Rated Current (A) Max.
SFCB4018S-1R81R2	1.2 uH ±30%	0.048	1.80
SFCB4018S-1R61R5	1.5 uH ±30%	0.052	1.60
SFCB4018S-1R22R2	2.2 uH ±30%	0.072	1.20
SFCB4018S-1R13R3	3.3 uH ±30%	0.085	1.10
SFCB4018S-1R03R9	3.9 uH ±30%	0.089	1.00
SFCB4018S-R904R7	4.7 uH ±30%	0.105	0.90
SFCB4018S-R736R8	6.8 uH ±30%	0.170	0.73
SFCB4018S-R658R2	8.2 uH ±30%	0.195	0.65
SFCB4018S-R55100	10.0 uH ±20%	0.210	0.55
SFCB4018S-R50120	12.0 uH ±20%	0.270	0.50
SFCB4018S-R45150	15.0 uH ±20%	0.295	0.45
SFCB4018S-R40220	22.0 uH ±20%	0.430	0.40
SFCB4018S-R32330	33.0 uH ±20%	0.675	0.32
SFCB4018S-R26470	47.0 uH ±20%	0.840	0.26

Testing Instrument :

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

Tested at 100kHz, 0.25 Vrms.

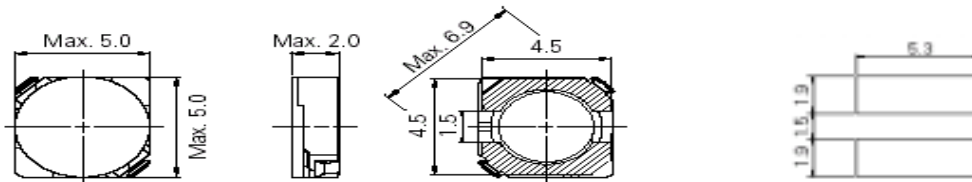
Saturation Rated Current (A) : The current when the inductance becomes 35% lower than its nominal value. (Ta=20)

Temperature Rise Current (Typ.) : The actual current when temperature of coil becomes T=30 . (Ta=20)

SFCB5020 SERIES

Shielded Type

Dimensions & Recommended Land Pattern [Unit : mm]



Electrical Characteristics

Part No.	Inductance (uH)	DC Resistance () Max	Rated Current (A) Max.
SFCB5020-1R71R0	1.0 uH ±30%	0.045	1.70
SFCB5020-1R32R2	2.2 uH ±30%	0.075	1.30
SFCB5020-1R22R7	2.7 uH ±30%	0.105	1.20
SFCB5020-1R03R3	3.3 uH ±30%	0.110	1.00
SFCB5020-R844R7	4.7 uH ±30%	0.162	0.84
SFCB5020-R805R6	5.6 uH ±30%	0.170	0.80
SFCB5020-R766R8	6.8 uH ±30%	0.200	0.76
SFCB5020-R61100	10.0 uH ±20%	0.260	0.61
SFCB5020-R50150	15.0 uH ±20%	0.310	0.50
SFCB5020-R41220	22.0 uH ±20%	0.397	0.41
SFCB5020-R32330	33.0 uH ±20%	0.694	0.32
SFCB5020-R28470	47.0 uH ±20%	0.922	0.28
SFCB5020-R26560	56.0 uH ±20%	1.080	0.26
SFCB5020-R24680	68.0 uH ±20%	1.300	0.24

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 35% lower than its nominal value or temperature rise of coil becomes T=40 . (Ta=20)