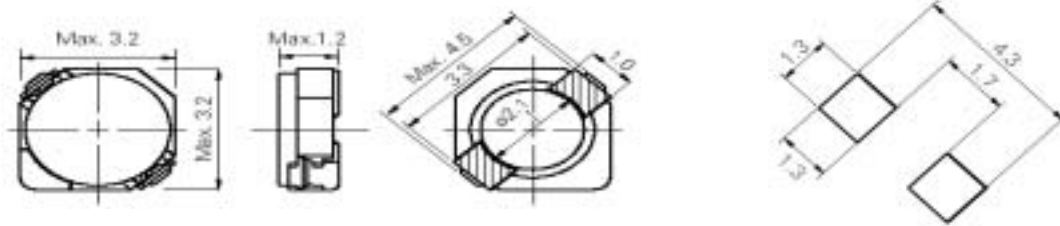


SFCB3012LD SERIES

Shielded 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.
SFCB3012LD-R912R2	2.2 uH ±30%	0.118 (0.091)	0.91	1.53
SFCB3012LD-R783R3	3.3 uH ±30%	0.167 (0.129)	0.78	1.32
SFCB3012LD-R624R7	4.7 uH ±30%	0.220 (0.192)	0.62	1.02
SFCB3012LD-R575R6	5.6 uH ±30%	0.250 (0.192)	0.57	0.95
SFCB3012LD-R536R8	6.8 uH ±30%	0.280 (0.216)	0.53	0.92
SFCB3012LD-R43100	10.0 uH ±20%	0.418 (0.322)	0.43	0.78
SFCB3012LD-R27220	22.0 uH ±20%	0.863 (0.664)	0.27	-

Testing Instrument :

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

Tested at 100kHz, 0.25 Vrms.

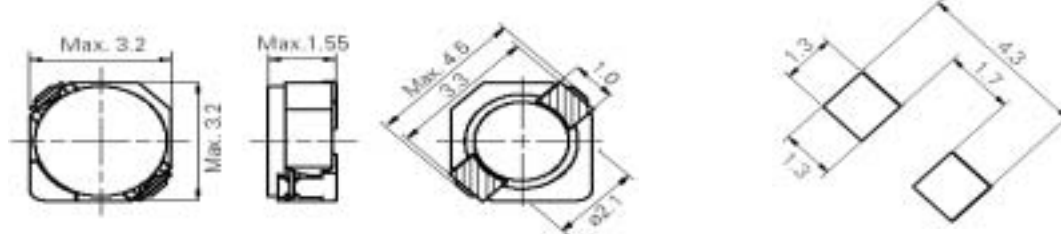
Saturation Rated Current (A) : The current when the inductance becomes 35% lower than its nominal value. (Ta=20)

Temperature Rise Current (Typ.) : The actual current when temperature of coil becomes T=40 . (Ta=20)

SFCB3015S SERIES

Shielded 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.
SFCB3015S-2R21R5	1.5 uH ±30%	0.052 (0.040)	2.30	2.25
SFCB3015S-1R43R3	3.3 uH ±30%	-	-	-
SFCB3015S-1R24R7	4.7 uH ±30%	0.224 (0.173)	1.20	1.52
SFCB3015S-R906R8	6.8 uH ±30%	-	-	-
SFCB3015S-R858R2	8.2 uH ±30%	-	-	-
SFCB3015S-R81100	10.0 uH ±20%	0.335 (0.258)	0.81	0.95
SFCB3015S-R68120	12.0 uH ±20%	-	-	-
SFCB3015S-R62150	15.0 uH ±20%	0.526 (0.405)	0.62	0.70

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=40 . (Ta=20)

