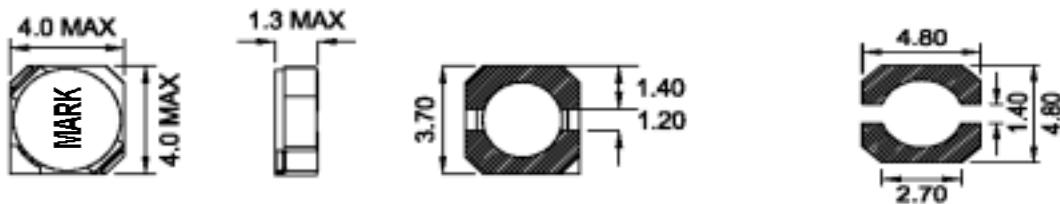


SFCB4012LD SERIES

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.
SFCB4012LD-1R31R5	1.5 uH ±30%	0.084 (0.065)	1.30	2.20
SFCB4012LD-R903R3	3.3 uH ±30%	-	0.90	-
SFCB4012LD-R734R7	4.7 uH ±30%	0.196 (0.151)	0.73	1.20
SFCB4012LD-R636R8	6.8 uH ±30%	-	0.63	-
SFCB4012LD-R56100	10.0 uH ±20%	0.318 (0.245)	0.56	0.95
SFCB4012LD-R47150	15.0 uH ±20%	0.462 (0.356)	0.47	0.70

Testing Instrument :

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

Tested at 100kHz, 0.25 Vrms.

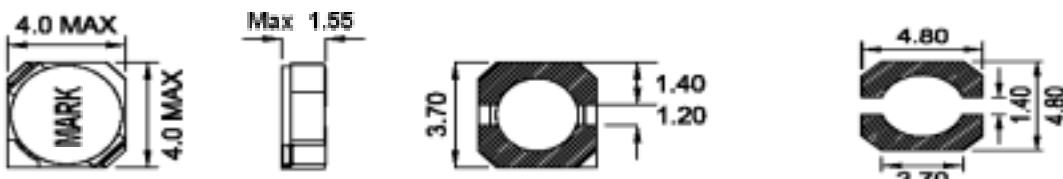
Saturation Rated Current (A) : The current when the inductance becomes 35% lower than its nominal value. (Ta=20)

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

SFCB4014HP 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.
SFCB4014HP-1R91R5	1.5 uH ±30%	0.066 (0.051)	2.80	1.97
SFCB4014HP-1R34R7	4.7 uH ±30%	0.165 (0.127)	1.60	1.32
SFCB4014HP-1R35R6	5.6 uH ±30%	0.174 (0.134)	1.40	1.28
SFCB4014HP-1R26R8	6.8 uH ±30%	0.231 (0.178)	1.30	1.20
SFCB4014HP-1R18R2	8.2 uH ±30%	0.269 (0.207)	1.20	1.13
SFCB4014HP-1R0100	10.0 uH ±20%	0.312 (0.240)	1.00	1.03
SFCB4014HP-R80150	15.0 uH ±20%	0.379 (0.292)	0.80	0.91
SFCB4014HP-R68220	22.0 uH ±20%	0.710 (0.546)	0.72	0.68
SFCB4014HP-R58330	33.0 uH ±20%	1.029 (0.792)	0.53	0.58
SFCB4014HP-R55470	47.0 uH ±20%	1.252 (0.963)	0.51	0.55
SFCB4014HP-R42560	56.0 uH ±20%	1.731 (1.332)	0.42	0.42
SFCB4014HP-R40680	68.0 uH ±20%	1.903 (1.464)	0.37	0.40

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)

