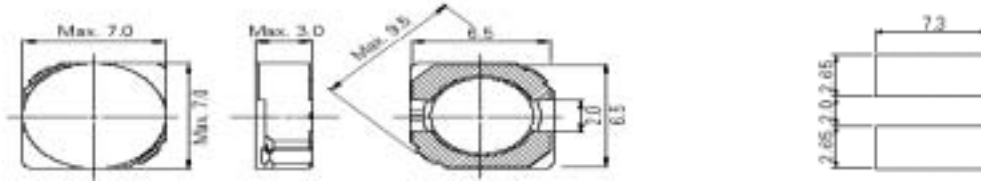


SFCB7030 SERIES

Shielded Type

Dimensions & Recommended Land Pattern [Unit : mm]



Electrical Characteristics

| Part No. | Inductance (uH) | DC Resistance () Max | Rated Current (A) Max. |
|-----------------|-----------------|-----------------------|------------------------|
| SFCB7030-3R03R0 | 3.0 uH ±30% | 0.024 | 3.00 |
| SFCB7030-2R63R9 | 3.9 uH ±30% | 0.027 | 2.60 |
| SFCB7030-2R45R0 | 5.0 uH ±30% | 0.031 | 2.40 |
| SFCB7030-2R26R0 | 6.0 uH ±30% | 0.035 | 2.20 |
| SFCB7030-1R7100 | 10.0 uH ±20% | 0.065 | 1.70 |
| SFCB7030-1R4150 | 15.0 uH ±20% | 0.084 | 1.40 |
| SFCB7030-1R3180 | 18.0 uH ±20% | 0.095 | 1.30 |
| SFCB7030-1R2220 | 22.0 uH ±20% | 0.128 | 1.20 |
| SFCB7030-R97330 | 33.0 uH ±20% | 0.165 | 0.97 |
| SFCB7030-R86390 | 39.0 uH ±20% | 0.210 | 0.86 |
| SFCB7030-R80470 | 47.0 uH ±20% | 0.238 | 0.80 |
| SFCB7030-R73560 | 56.0 uH ±20% | 0.277 | 0.73 |
| SFCB7030-R65680 | 68.0 uH ±20% | 0.304 | 0.65 |
| SFCB7030-R54680 | 100 uH ±20% | 0.535 | 0.54 |

Testing Instrument :

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

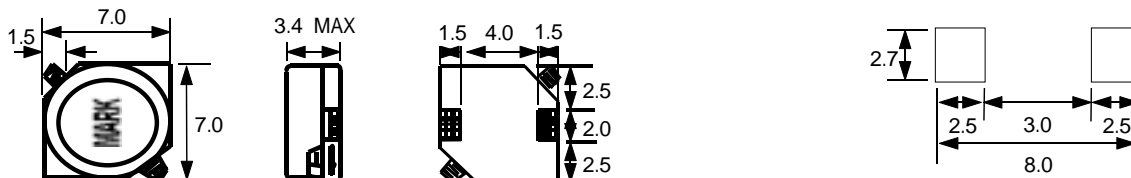
Tested at 100kHz, 0.25 Vrms.

Rated Current (A) : The current when the inductance becomes 35% lower than its nominal value or temperature rise of coil becomes $T=30$. ($T_a=20$)

SFCB7032 SERIES

Shielded Type

Dimensions & Recommended Land Pattern [Unit : mm]



TOLERANCE : ±0.2

Electrical Characteristics

| Part No. | Inductance (uH) | DC Resistance () Max | Rated Current (A) Max. |
|-----------------|-----------------|-----------------------|------------------------|
| SFCB7032-1R74R7 | 4.7uH ±20% | 0.050 | 1.70 |
| SFCB7032-1R4100 | 10.0uH ±20% | 0.065 | 1.40 |
| SFCB7032-1R3150 | 15.0uH ±20% | 0.105 | 1.30 |
| SFCB7032-1R0180 | 18.0uH ±20% | 0.110 | 1.00 |
| SFCB7032-R96220 | 22.0uH ±20% | 0.130 | 0.96 |
| SFCB7032-R90270 | 27.0uH ±20% | 0.160 | 0.90 |
| SFCB7032-R82330 | 33.0uH ±20% | 0.170 | 0.82 |
| SFCB7032-R78390 | 39.0uH ±20% | 0.230 | 0.78 |
| SFCB7032-R67470 | 47.0uH ±20% | 0.280 | 0.67 |
| SFCB7032-R59680 | 68.0uH ±20% | 0.400 | 0.59 |
| SFCB7032-R45101 | 100uH ±20% | 0.600 | 0.45 |
| SFCB7032-R30221 | 220uH ±20% | 1.340 | 0.30 |
| SFCB7032-R24331 | 330uH ±20% | 2.050 | 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 20% lower than its nominal value or temperature rise of coil becomes $T=40$. ($T_a=20$)