SMD SEMI SHIELDED POWER CHIP INDUCTOR

Allied Part Number | Inductance (µH) | Tolerance (%) | Test Freq. MHz 200mV | RDC (Ω) ±30% | Isat (A) (Max) | Irms (A) (Max) | Marking |
--- | --- | --- | --- | --- | --- | --- | --- |
PCFV22-R47M-RC | .47 | 20 | 1 | 0.051 | 2.160 | 1.84 | A |
PCFV22-1R5M-RC | 1.5 | 20 | 1 | 0.130 | 1.280 | 1.60 | D |
PCFV22-6R8M-RC | 6.8 | 20 | 1 | 0.465 | 0.656 | .624 | H |

All specifications subject to change without notice.

Features
- Semi Magnetically Shielded
- High Current
- Low DC Resistance
- Ultra Low Profile only 1.2mm

Electrical

Inductance Range: .47µH ~ 6.8µH (other values being added)
Tolerance: Available in 20%
Operating Temp: -40°C ~ +125°C
Isat: Current at which the Inductance will drop by no more than 30% of its initial value.
Irms: Based on a temp rise of ΔT = 40°C typical above Ambient Temp.

Resistance to Soldering Heat
Pre-Heat 150°C, 1 Min.
Solder Composition: Sn/Ag3.0/Cu0.5
Solder Temp: 260°C +/- 5°C for 10 sec

Test Equipment

(L): HP4287A + HP16197A
(RDC): Chroma MilliOhm Meter 16502
Current: HP4284A + HP42841A

Physical

Packaging: 2K per Tape and reel
Marking: As noted