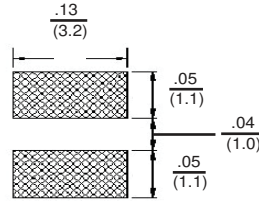
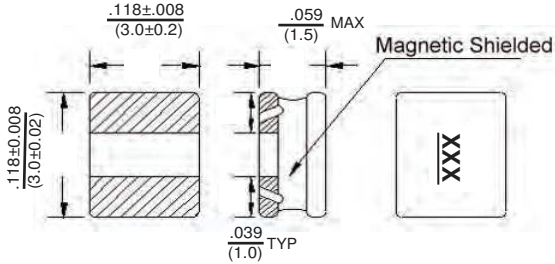




SMD SEMI SHIELDED POWER CHIP INDUCTOR

PCFV35

Dimensions: Inches
(mm)



Recommended Pattern



Allied Part Number	Inductance (μH)	Tolerance (%)	Test Freq. MHz, 200mV	RDC (Ω) ±30%	Isat (mA) (Max)	Irms (mA) (Max)	Marking
PCFV35-R47M-RC	.47	20	1	0.036	4230	3600	R47
PCFV35-1R0M-RC	1.0	20	1	0.054	3060	2700	1R0
PCFV35-1R5M-RC	1.5	20	1	0.063	2700	2340	1R5
PCFV35-2R2M-RC	2.2	20	1	0.090	2070	1800	2R2
PCFV35-3R3M-RC	3.3	20	1	0.125	1710	1620	3R3
PCFV35-4R7M-RC	4.7	20	1	0.170	1420	1360	4R7
PCFV35-6R8M-RC	6.8	20	1	0.235	1200	1170	6R8
PCFV35-100M-RC	10	20	1	0.360	950	900	100
PCFV35-150M-RC	15	20	1	0.550	810	720	150
PCFV35-220M-RC	22	20	1	0.770	680	580	220
PCFV35-330M-RC	33	20	1	0.770	580	540	330

All specifications subject to change without notice.

Features

- Semi Magnetically Shielded
- High Current
- Ultra Low Profile

Electrical

Inductance Range: .47μH ~ 33μH (other values being added)

Tolerance: Available in 20%

Operating Temp: -55°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

