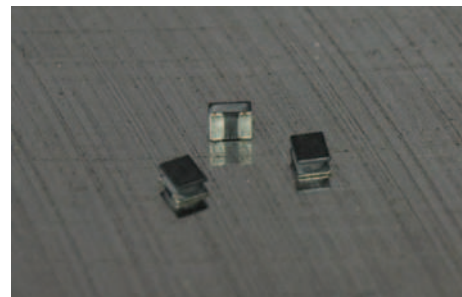
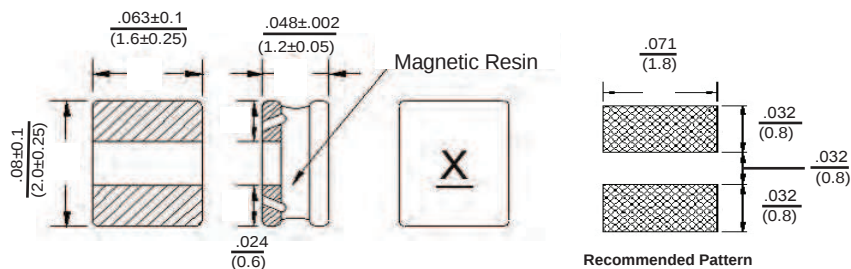




SMD SEMI SHIELDED POWER CHIP INDUCTOR

PCFV22

Dimensions: $\frac{\text{Inches}}{\text{(mm)}}$



Allied Part Number	Inductance (μ H)	Tolerance (%)	Test Freq. MHz, 200mV	RDC (Ω) $\pm 30\%$	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: .47 μ H ~ 6.8 μ H (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 $\Delta T = 40^\circ\text{C}$ 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

