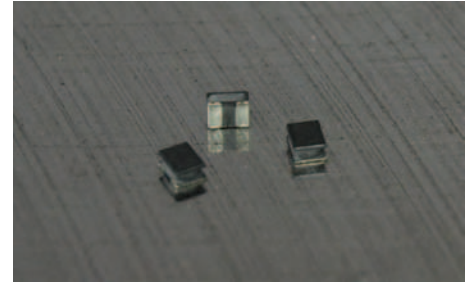
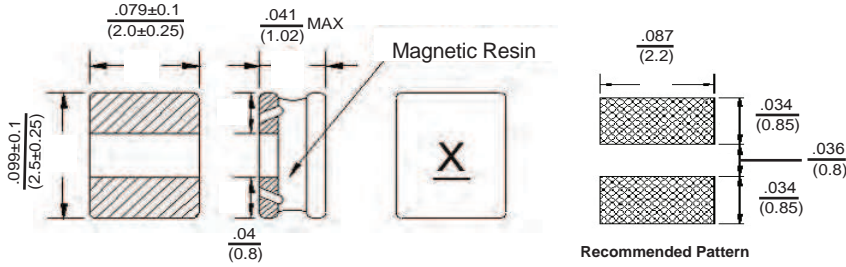




SMD SEMI SHIELDED POWER CHIP INDUCTOR

PCFV24

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



Allied Part Number	Inductance (μh)	Tolerance (%)	Test Freq. MHz, 200mV	RDC (Ω) ±30%	Isat (A) (Max)	I _{rms} (A) (Max)	Marking
PCFV24-R47M-RC	.47	20	1	0.045	2.240	1.84	A
PCFV24-1R0M-RC	1.0	20	1	0.066	1.584	1.64	B
PCFV24-1R5M-RC	1.5	20	1	0.095	1.360	1.84	C
PCFV24-4R7M-RC	4.7	20	1	0.285	0.736	0.76	F
PCFV24-100M-RC	10	20	1	0.535	0.480	0.56	H
PCFV24-150M-RC	15	20	1	0.810	0.400	0.44	I
PCFV24-220M-RC	22	20	1	1.200	0.320	.352	J

All specifications subject to change without notice.

Features

- Semi Magnetically Shielded
- High Current
- Low DC Resistance
- Ultra Low Profile only 1.02mm

Electrical

Inductance Range: .47μh ~ 22μh (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.
I_{rms}: 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

