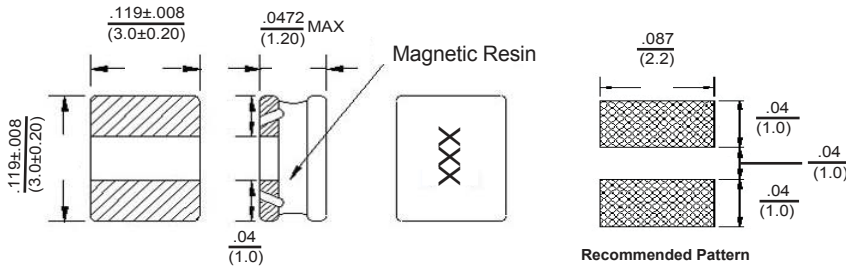




SMD SEMI SHIELDED POWER CHIP INDUCTOR

PCFV32

Dimensions: Inches (mm)



Allied Part Number	Inductance (μh)	Tolerance (%)	Test Freq. MHz, 200mV	RDC (Ω) ±30%	Isat (A) (Max)	Irms (A) (Max)	Marking
PCFV32-2R2M-RC	2.2	20	1	.092	1890	1800	2R2
PCFV32-3R3M-RC	3.3	20	1	.13	1650	1620	3R3
PCFV32-4R7M-RC	4.7	20	1	.18	1400	1360	4R7
PCFV32-6R8M-RC	6.8	20	1	.25	1180	1170	6R8
PCFV32-100M-RC	10	20	1	.42	950	900	100
PCFV32-150M-RC	15	20	1	.56	730	720	150
PCFV32-220M-RC	22	20	1	.86	570	550	220

All specifications subject to change without notice.

Features

- Semi Magnetically Shielded
- High Current
- Low DC Resistance
- Ultra Low Profile, 1.20mm

Electrical

Inductance Range: 2.2μh ~ 22μh (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: 2000 per Tape and Reel
Marking: EIA Inductance Code

