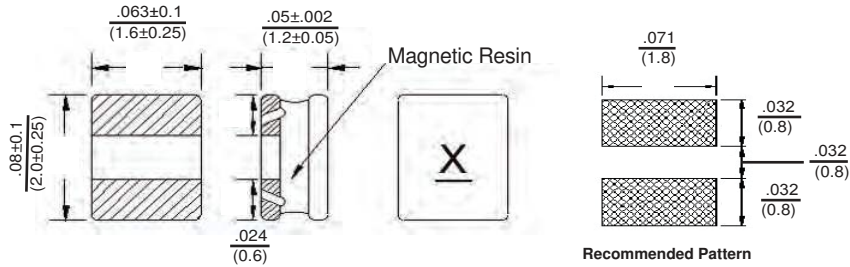




SMD SEMI SHIELDED POWER CHIP INDUCTOR

PCCV22

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



Allied Part Number	Inductance (µh)	Tolerance (%)	Test Freq. MHz, 200mV	RDC (Ω) ±30%	Isat (A) (Max)	Irms (A) (Max)	Marking
PCCV22-R50M-RC	0.5	20	1	51	2.080	1.840	B
PCCV22-1R5M-RC	1.5	20	1	83	1.520	1.440	C
PCCV22-2R2M-RC	2.2	20	1	159	1.088	1.072	E
PCCV22-3R3M-RC	3.3	20	1	220	0.880	0.848	F
PCCV22-4R7M-RC	4.7	20	1	330	0.736	0.720	G
PCCV22-100M-RC	10	20	1	580	0.496	0.464	I
PCCV22-150M-RC	15	20	1	900	0.384	0.360	J
PCCV22-220M-RC	22	20	1	1400	0.320	0.320	K

All specifications subject to change without notice.

Features

- Semi Magnetically Shielded
- High Current
- Low Magnetic Radiation
- Ultra Low Profile only 1.2mm

Electrical

Inductance Range: .5µh ~ 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.

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

