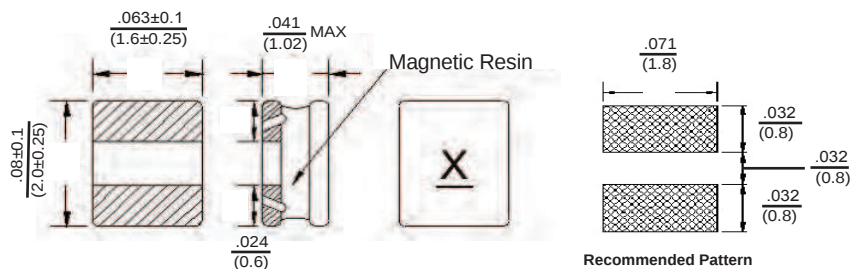




SMD SEMI SHIELDED POWER CHIP INDUCTOR

PCCV20

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
PCCV20-1R0M-RC	1.0	20	1	95	1.488	1.488	B
PCCV20-1R5M-RC	1.5	20	1	140	1.312	1.320	C
PCCV20-2R2M-RC	2.2	20	1	190	1.040	1.040	D
PCCV20-3R3M-RC	3.3	20	1	295	0.768	0.784	E
PCCV20-4R7M-RC	4.7	20	1	360	0.672	0.720	F
PCCV20-6R8M-RC	6.8	20	1	640	0.528	0.560	G
PCCV20-100M-RC	10	20	1	1000	0.432	0.448	H
PCCV20-220M-RC	22	20	1	1700	0.304	0.320	I

All specifications subject to change without notice.

Features

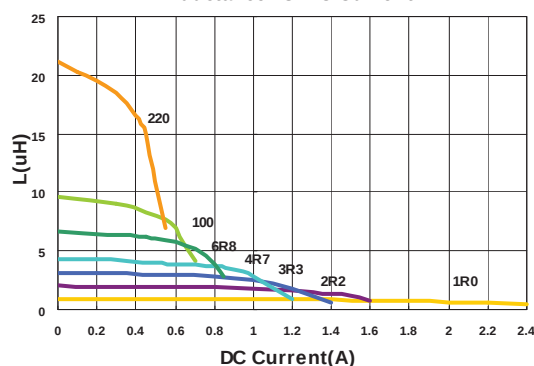
- Semi Magnetically Shielded
- High Current
- Low Magnetic Radiation
- Ultra Low Profile only 1.02mm

Electrical**Inductance Range:** 1.0μh ~ 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 secTest Equipment**(L):** HP4287A + HP16197A**(RDC):** Chroma MilliOhm Meter 16502**Current:** HP4284A + HP42841APhysical**Packaging:** 2K per Tape and reel**Marking:** As noted

Inductance vs. DC Current



Temperature Change vs. DC Current

