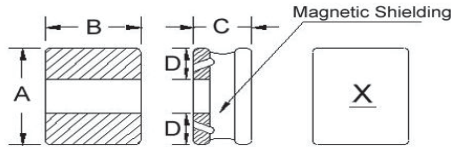
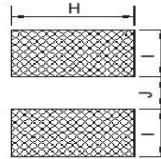




Dimensions: $\frac{\text{Inch}}{\text{mm}}$



Recommended Pattern



A	B	C	D	H	I	J
$\frac{0.07 \pm 0.009}{2.0 \pm 0.25}$	$\frac{0.06 \pm 0.009}{1.6 \pm 0.025}$	$\frac{0.03}{1.00} \text{ Max}$	$\frac{0.02}{0.6}$	$\frac{0.07}{1.8}$	$\frac{0.03}{0.80}$	$\frac{0.03}{0.8}$



Allied Part Number	Inductance (μH)	Tolerance (%)	Test Freq. MHz	RDC (Ω) $\pm 30\%$	Isat (A) Typ. (Max)	Irms (A) Typ. (Max)	Marking
PCCV20-R24M-RC	0.24	20	1	0.026	3.20(2.80)	3.00(2.70)	M
PCCV20-1R0M-RC	1.0	20	1	0.095	1.86(1.67)	1.86(1.67)	B
PCCV20-1R5M-RC	1.5	20	1	0.140	1.64(1.47)	1.65(1.48)	C
PCCV20-2R2M-RC	2.2	20	1	0.190	1.30(1.17)	1.30(1.17)	D
PCCV20-3R3M-RC	3.3	20	1	0.295	0.96(0.86)	0.98(0.88)	E
PCCV20-4R7M-RC	4.7	20	1	0.360	0.84(0.75)	0.90(0.81)	F
PCCV20-6R8M-RC	6.8	20	1	0.640	0.66(0.59)	0.70(0.63)	G
PCCV20-100M-RC	10	20	1	1.000	0.54(0.48)	0.56(0.48)	H
PCCV20-150M-RC	15	20	1	1.500	0.39(0.35)	0.42(0.37)	K
PCCV20-180M-RC	18	20	1	1.600	0.39(0.35)	0.41(0.36)	J
PCCV20-220M-RC	22	20	1	1.700	0.38(0.34)	0.40(0.36)	I

All specifications subject to change without notice.

Features

- Semi Magnetically Shielded
- High Current
- Low Magnetic Radiation
- Ultra Low Profile only 1.00mm

Electrical

Inductance Range: 0.24 μH ~ 22 μH (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 $\Delta T = 40^\circ\text{C}$ 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

