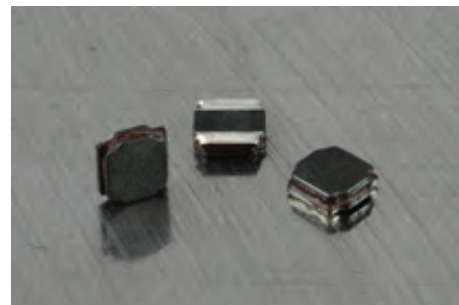
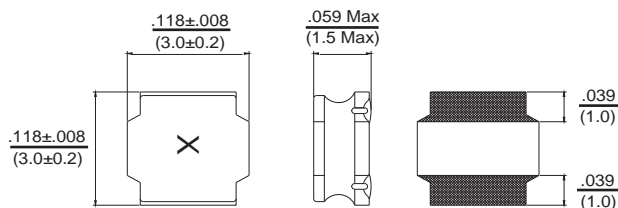




SMD SHIELDED POWER CHIP INDUCTOR

PCSV35

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


Allied Part Number	Inductance (μ h)	Tolerance (%)	Test Freq. MHz, 200mV	RDC (Ω) \pm 30%	Isat (mA) Typ.	Irms (mA) Typ.	Marking
PCSV35-1R0M-RC	1.0	20	1	0.035	2200	3200	A
PCSV35-1R5M-RC	1.5	20	1	0.051	1800	2600	B
PCSV35-2R2M-RC	2.2	20	1	0.063	1400	2300	C
PCSV35-3R3M-RC	3.3	20	1	0.082	1100	2100	D
PCSV35-4R7M-RC	4.7	20	1	0.121	1000	1600	E
PCSV35-6R8M-RC	6.8	20	1	0.165	820	1300	G
PCSV35-100M-RC	10	20	1	0.206	680	1000	H
PCSV35-220M-RC	22	20	1	0.501	470	650	I

All specifications subject to change without notice.

Features

- Magnetically Shielded Construction
- Ultra Low Profile

Electrical

Inductance Range: 1.0 μ h ~ 22 μ h (other values being added)

Tolerance: Available in 20%

Operating Temp: -25°C ~ +105°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.

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