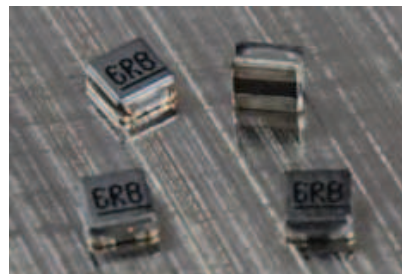
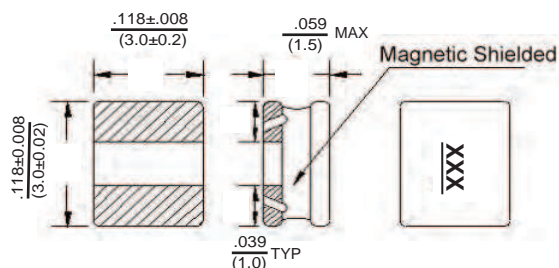




SMD SHIELDED POWER CHIP INDUCTOR

PCSV35

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



Allied Part Number	Inductance (μh)	Tolerance (%)	Test Freq. MHz, 200mV	RDC (Ω) $\pm 30\%$	Isat (mA) Typ.	Irms (mA) Typ.	Marking
PCSV35-1R0M-RC	1.0	20	1	0.056	2000	2800	1R0
PCSV35-1R5M-RC	1.5	20	1	0.074	1600	2400	1R5
PCSV35-2R2M-RC	2.2	20	1	0.079	1200	2300	2R2
PCSV35-3R3M-RC	3.3	20	1	0.105	1000	1900	3R3
PCSV35-4R7M-RC	4.7	20	1	0.130	900	1600	4R7
PCSV35-6R8M-RC	6.8	20	1	0.165	730	1300	6R8
PCSV35-100M-RC	10	20	1	0.206	600	1000	100
PCSV35-220M-RC	22	20	1	0.501	420	650	220
PCSV35-330M-RC	33	20	1	0.600	330	600	330
PCSV35-820M-RC	82	20	1	1.600	210	350	820
PCSV35-101M-RC	100	20	1	1.800	200	300	101

All specifications subject to change without notice.

Features

- Magnetically Shielded Construction
- Ultra Low Profile

Electrical

Inductance Range: 1.0 μh ~ 100 μh (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 $\Delta T = 40^\circ\text{C}$ 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