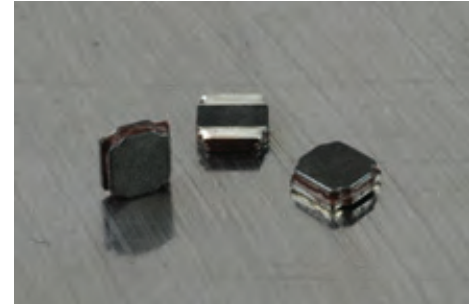
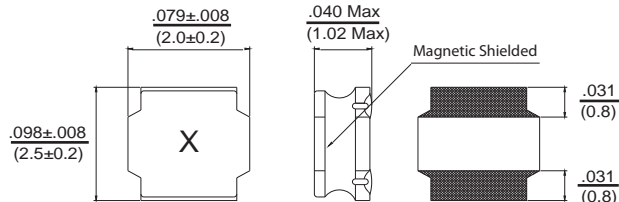




SMD SHIELDED POWER CHIP INDUCTOR

PCSV24

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



Allied Part Number	Inductance (μh)	Tolerance (%)	Test Freq. 1MHz, 200mV	RDC (mΩ) ±30%	Isat (mA) Typ.	Irms (mA) Typ.	Marking
PCSV24-1R0M-RC	1.0	20	1	0.093	2200	2200	A
PCSV24-1R5M-RC	1.5	20	1	0.148	1900	1800	B
PCSV24-2R2M-RC	2.2	20	1	0.178	1620	1680	C
PCSV24-3R3M-RC	3.3	20	1	0.286	1220	1340	D
PCSV24-4R7M-RC	4.7	20	1	0.421	1040	1020	E
PCSV24-5R6M-RC	5.6	20	1	0.481	920	940	F
PCSV24-6R8M-RC	6.8	20	1	0.598	900	880	G
PCSV24-150M-RC	10	20	1	0.797	740	820	H
PCSV24-220M-RC	22	20	1	1.839	500	520	I

All specifications subject to change without notice.

Features

- Magnetically Shielded Construction
- Ultra Low Profile

Electrical

Inductance Range: 1.0μh ~ 220μh (other values being added)

Tolerance: Available in 20% and 30% tolerances

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 ΔT = 40°C typical at 25°C ambient.

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 + Agilent/HP16197A, 1MHz 200mV

(RDC): Chroma MilliOhm Meter Mode 16502

Current: Agilent/HP4284A 1MHz 200mV

Physical

Packaging: 2K per Tape and reel

Marking: As indicated