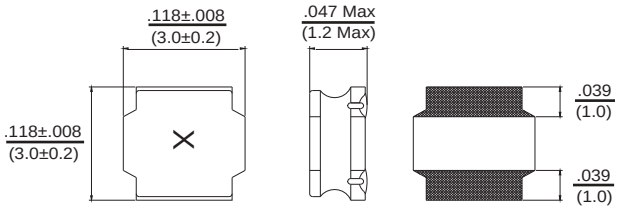
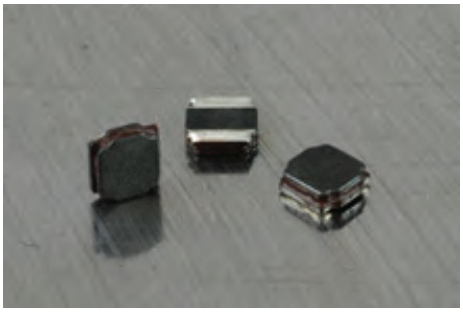
RoHS

SMD SHIELDED POWER CHIP INDUCTOR PCSV32

Dimensions: Inches (mm)





Allied Part Number	Inductance (µh)	Tolerance (%)	Test Freq. MHz, 200mV	RDC (Ω) ±30%	Isat (mA) Typ.	Irms (mA) Typ.	Marking
PCSV32-1R0M-RC	1.0	20	1	0.048	1800	2500	A
PCSV32-1R5M-RC	1.5	20	1	0.063	1400	2300	B
PCSV32-2R2M-RC	2.2	20	1	0.076	1300	2000	C
PCSV32-3R3M-RC	3.3	20	1	0.102	1000	1600	D
PCSV32-4R7M-RC	4.7	20	1	0.136	850	1500	E
PCSV32-6R8M-RC	6.8	20	1	0.182	710	1300	G
PCSV32-100M-RC	10	20	1	0.275	580	1000	H
PCSV32-220M-RC	22	20	1	0.594	390	650	I

All specifications subject to change without notice.

Features

- Magnetically Shielded Construction
- Ultra Low Profile

Electrical

Inductance Range: 1.0µh ~ 22µh (other values being added)
Tolerance: Available in 20%
Operating Temp: -25ºC ~ +105ºC
Isat: Current at which the Inductance will drop by no more then 30% of its initial value.
Irms: Based on a temp rise of ΔT = 40ºC typical.

Resistance to Soldering Heat

Pre-Heat 150ºC, 1 Min.
Solder Composition: Sn/Ag3.0/Cu0.5
Solder Temp: 260ºC +/- 5ºC 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