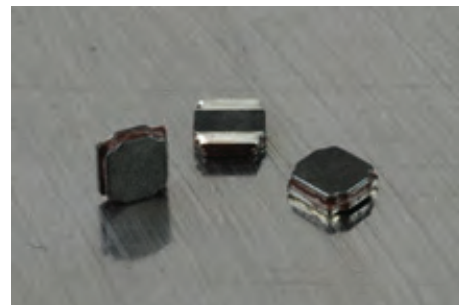
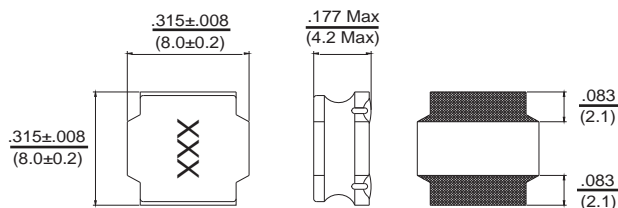




Dimensions: $\frac{\text{Inches}}{\text{(mm)}}$



| Allied Part Number | Inductance (μh) | Tolerance (%) | Test Freq. KHz, 1V | RDC (mΩ) ±30% | Isat (mA) Typ. | Irms (mA) Typ. | Marking |
|--------------------|-----------------|---------------|--------------------|---------------|----------------|----------------|---------|
| PCSV80-R90M-RC | 0.9 | 20 | 100 | 7 | 13.8 | 8.05 | R90 |
| PCSV80-1R4M-RC | 1.4 | 20 | 100 | 9 | 10.8 | 7.80 | 1R4 |
| PCSV80-2R0M-RC | 2.0 | 20 | 100 | 11 | 9.6 | 7.40 | 2R0 |
| PCSV80-3R3M-RC | 3.3 | 20 | 100 | 15 | 7.5 | 6 | 3R3 |
| PCSV80-4R7M-RC | 4.7 | 20 | 100 | 18 | 6 | 5.5 | 4R7 |
| PCSV80-6R8M-RC | 6.8 | 20 | 100 | 25 | 5.4 | 5.1 | 6R8 |
| PCSV80-100M-RC | 10 | 20 | 100 | 38 | 4.3 | 3.8 | 100 |
| PCSV80-150M-RC | 15 | 20 | 100 | 50 | 3.6 | 3.2 | 150 |
| PCSV80-220M-RC | 22 | 20 | 100 | 80 | 2.8 | 2.6 | 220 |
| PCSV80-330M-RC | 33 | 20 | 100 | 110 | 2.3 | 2 | 330 |
| PCSV80-470M-RC | 47 | 20 | 100 | 160 | 1.9 | 1.75 | 470 |
| PCSV80-680M-RC | 68 | 20 | 100 | 240 | 1.7 | 1.45 | 680 |
| PCSV80-101M-RC | 100 | 20 | 100 | 340 | 1.4 | 1.1 | 101 |

All specifications subject to change without notice.

Features

- Magnetically Shielded Construction
- Low Profile

Electrical

Inductance Range: 0.9μh ~ 100μh (other values being added)

Tolerance: Available in 20% & 30%

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.

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): HP4284A

(RDC): Chroma MilliOhm Meter Mode 16502

Current: HP4284A + HP42841A

Physical

Packaging: 1K per Tape and reel

Marking: EIA Inductance Code