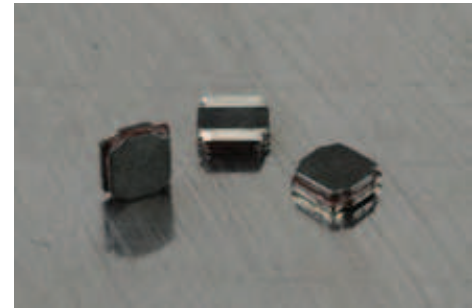
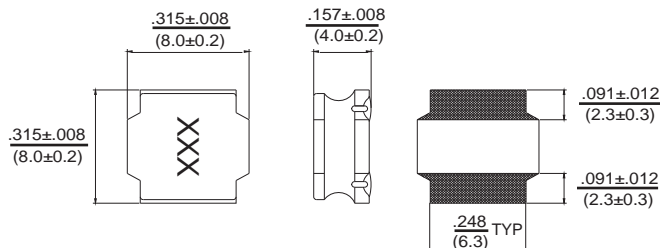




Dimensions: Inches  
(mm)



Allied Part Number	Inductance (μh)	Tolerance (%)	Test Freq. KHz, 1V	RDC (mΩ) ±30%	Isat (A) (Max)	Irms (A) (Max)	Marking
PCSVLR80-R90T-RC	0.9	30	100	7.0	12.42	7.24	R90
PCSVLR80-1R0T-RC	1.0	30	100	7.5	11.70	7.15	1R0
PCSVLR80-1R4T-RC	1.4	30	100	9.0	9.72	7.02	1R4
PCSVLR80-1R5T-RC	1.5	30	100	11	9.00	6.93	1R5
PCSVLR80-2R0M-RC	2.0	20	100	11.5	8.64	6.66	2R0
PCSVLR80-2R2M-RC	2.2	20	100	13	8.28	6.48	2R2
PCSVLR80-2R5M-RC	2.5	20	100	15	7.38	5.67	2R5
PCSVLR80-3R3M-RC	3.3	20	100	18	6.75	5.40	3R3
PCSVLR80-4R7M-RC	4.7	20	100	23	5.40	4.95	4R7
PCSVLR80-5R6M-RC	5.6	20	100	25	5.13	4.68	5R6
PCSVLR80-6R8M-RC	6.8	20	100	38	4.86	4.59	6R8
PCSVLR80-100M-RC	10	20	100	45	3.87	3.42	10
PCSVLR80-120M-RC	12	20	100	50	3.42	3.15	12
PCSVLR80-150M-RC	15	20	100	7.0	3.24	2.88	15
PCSVLR80-180M-RC	18	20	100	7.5	2.79	2.43	18
PCSVLR80-220M-RC	22	20	100	9.0	2.52	2.34	22
PCSVLR80-330M-RC	33	20	100	11	2.07	1.80	33
PCSVLR80-470M-RC	47	20	100	11.5	1.71	1.57	47
PCSVLR80-680M-RC	68	20	100	13	1.71	1.30	68
PCSVLR80-101M-RC	100	20	100	15	1.53	0.99	100
PCSVLR80-121M-RC	120	20	100	18	0.99	0.99	120
PCSVLR80-151M-RC	150	20	100	23	0.90	0.81	150
PCSVLR80-221M-RC	220	20	100	25	0.84	0.54	220
PCSVLR80-271M-RC	270	20	100	38	0.74	0.49	270
PCSVLR80-821M-RC	820	20	100	45	0.36	0.34	820

All specifications subject to change without notice.

### Features

- Semi Magnetically Shielded
- High Current
- Semi Magnetically Shielded
- High Current

### Electrical

**Inductance Range:** 0.9μh ~ 820μh (other values being added)

**Tolerance:** Available in 20% & 30%

**Operating Temp:** -55°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 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 + HP42841A

**(RDC):** Chroma MilliOhm Meter Mode 16502

**Current:** HP4284A + HP42841A

### Physical

**Packaging:** 1000 per 13" Tape and Reel

**Marking:** AS noted