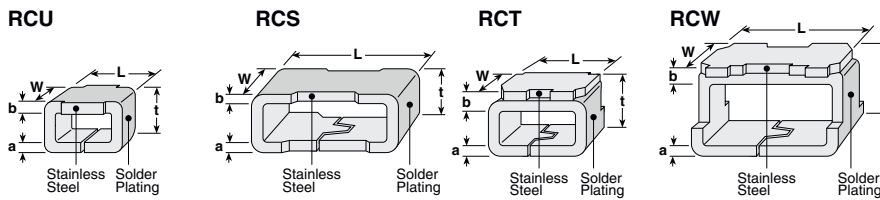


features

- Surface-mountable chip type test terminal
- Automatic machine insertable
- Suitable for reflow and wave soldering
- Available in three standard sizes: 0603, 0805 or 1206
- Products with lead-free terminations meet EU RoHS and China RoHS requirements
- AEC-Q200 Qualified (RCU only)

dimensions and construction



Note: Top surfaces of RCT and RCW are not solderable.

| Type (Inch Size Code) | Dimensions inches (mm) | | | | |
|--------------------------|------------------------|----------------|----------------|----------------|----------------|
| | L | W | t | a | b |
| RCU (0603) | .063 (1.6) | .031 (0.8) | .045 (1.15) | .009 (0.23) | .009 (0.23) |
| RCT (0805) | .079 (2.0) | .049 (1.25) | .057 (1.45) | .009 (0.23) | .018 (0.45) |
| RCS (1206) | .126 (3.2) | .063 (1.6) | .049 (1.25) | .009 (0.23) | .009 (0.23) |
| RCW (1206) | | | .079 (2.0) | .009 (0.23) | .018 (0.45) |

ordering information

| New Part # | RCU | C | TE |
|------------|--------------------------|---------------------------------|---|
| Type | RCU RCT RCS RCW | Termination Material C: SnCu | Packaging TE: 7" embossed plastic (2,000 pieces/reel) TED: 10" embossed plastic (5,000 pieces/reel) RCW not available in TED |

For further information on packaging, please refer to Appendix A.

applications and ratings

| Part Designation | Rated Current | Standard Resistance | Rated Ambient Temperature | Operating Temperature Range |
|------------------|---------------|---------------------|---------------------------|-----------------------------|
| RCU | 2 Amps | 50mΩ or less | +70°C | -55°C to +125°C |
| RCT | | | | |
| RCS | | | | |
| RCW | | | | |

environmental applications

Performance Characteristics

| Parameter | Requirement Real R | | Test Method |
|-----------------------------|--------------------------|--------------------------|---|
| | Limit | Typical | |
| Resistance | 50mΩ Max. after the test | 10mΩ Max. after the test | 25°C |
| Resistance to Solder Heat | | | 260°C ± 5°C, 10 seconds ± 1 second |
| Rapid Change of Temperature | | | -55°C (30 minutes), +125°C (30 minutes), 100 cycles |
| High Temperature Exposure | | | +125°C, 240 hours |

Specifications given herein may be changed at any time without prior notice. Please confirm technical specifications before you order and/or use.

1/06/14