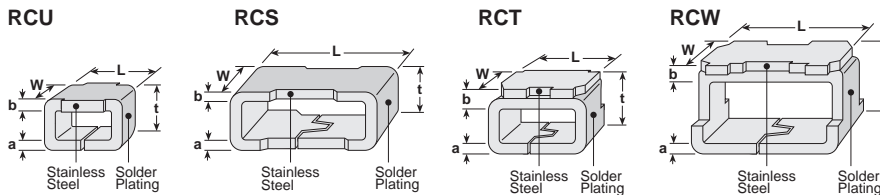


features

- Surface-mountable chip type test terminal
- Automatic mounting can be done by an ordinary chip mounter
- Inch size code 1206, 0805 and 0603 are available. (for size 1206, two kinds of the height 1.25mm and 2mm are provided.)
- Suitable for both flow and reflow solderings
- Since only the outside surface is solder-plated, the inside is structured unsolderable
- Products meet EU-RoHS requirements
- AEC-Q200 Tested

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)

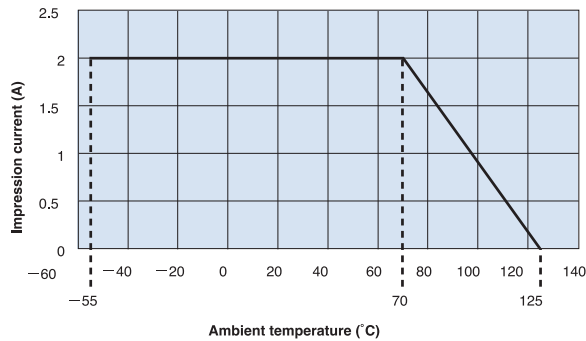
ordering information

RCU	C	TE
Type	Termination Material	Packaging
RCU RCT RCS RCW	C: SnCu	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.

environmental applications

Derating Curve



For terminals operated at an ambient temperature of 70°C or higher, the current shall be derated in accordance with the above derated curve.

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