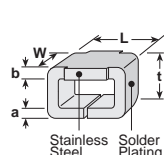


## features

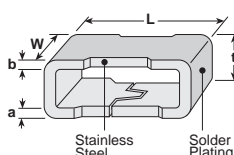
- Surface-mountable chip type test terminal
- Automatic mounting can be done by an ordinary chip mounter
- Inch size code 1206, 0805 and 0603 are available.  
(for size 1206, two kinds of the height 1.25mm and 2mm are provided.)
- Suitable for both flow and reflow solderings
- Since only the outside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

## dimensions and construction

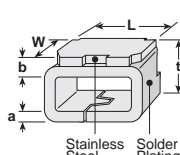
RCU



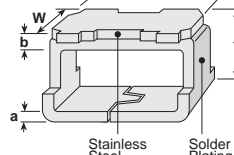
RCS



RCT



RCW



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

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

## ordering information

RCU
Type
RCU
RCT
RCS
RCW

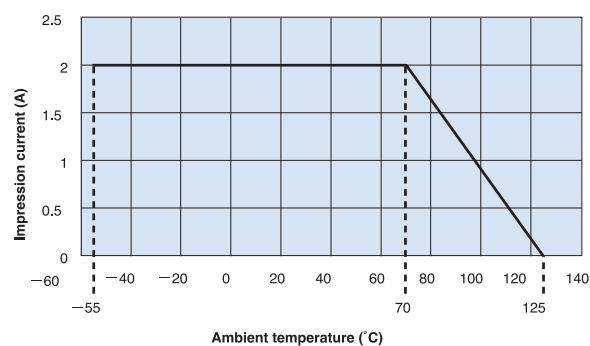
C
Termination Material
C: SnCu

TE
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.

## 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

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