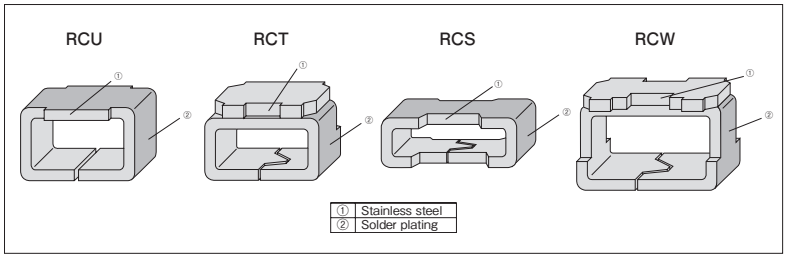
EU RoHS

RCU・RCT・RCS・RCW Checker Chips

■Construction



■Type Designation

Example

RCU	C	TE
Product Code	Terminal Surface Material	Taping
RCU RCT RCS RCW	C : SnCu	TE : 4mm pitch plastic embossed (7 inch reel) TED : 4mm pitch plastic embossed (10 inch reel) (Not RCW) BK : Bulk

Contact us when you have control request for environmental hazardous material other than the substance specified by EU-RoHS.
For further information on taping, please refer to APPENDIX C on the back pages.

Terminal

■Features

- Surface-mountable chip type check terminals.
- 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 qualified (RCU).

■Applications

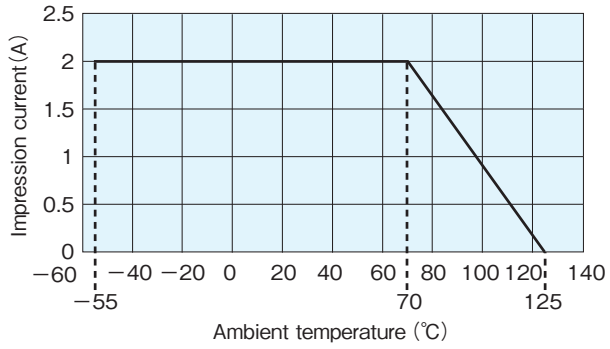
- Terminals for checking signals from a P.C. board when adjusting and repairing the set.

■Rating

Type	Rated Current	Resistance	Rated Ambient Temperature	Operating Temperature Range	Taping & Q'ty/Reel (pcs)	
					TE	TED
RCU	2A	50mΩ or less	+70℃	−55℃～+125℃	2,000	5,000
RCT					2,000	5,000
RCS					2,000※1	5,000※1
RCW					2,000	—

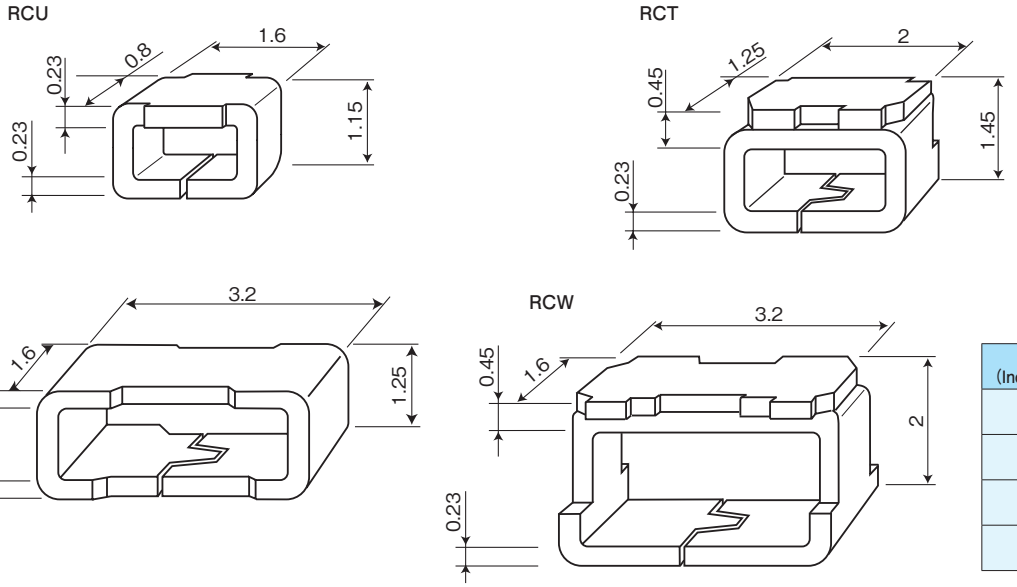
※1 RCS can be packaged upside down for taping.

■Derating Curve



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

■Dimensions (mm)



Type (Inch Size Code)	Weight (g) (1000pcs)
RCU (0603)	6.4
RCT (0805)	13.9
RCS (1206)	21.5
RCW (1206)	26.8

■Performance

Test Items	Performance Requirements		Test Methods
	Limit	Typical	
Resistance	50mΩ Max. after the test	10mΩ Max. after the test	25℃
Resistance to soldering heat	50mΩ Max. after the test	10mΩ Max. after the test	260℃±5℃, 10s±1s
Rapid change of temperature	50mΩ Max. after the test	10mΩ Max. after the test	−55℃ (30min.) /+125℃ (30min.) 100 cycles
High temperature exposure	50mΩ Max. after the test	10mΩ Max. after the test	+125℃, 240h

■Precautions for Use

• Regarding the connection of probes, pulling and pushing load at the measurement and inspection pointer must be 9.8N(1kgf) or less because the chips may drop off.