



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Tyco / Electronics
Raychem Circuit Protection
 308 Constitution Drive
 Menlo Park, CA 94025-1164
 Phone: 800-227-4856
 Fax: 800-227-4866

PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: RUSB250

DOCUMENT: SCD 23858
 PCN: 865395
 REV LETTER: F
 REV DATE: FEBRUARY 3, 2003
 PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating
Voltage: 16V_{DC} MAX
Current: 40A MAX

Insulating Material:
 Cured, Flame Retardant Epoxy Polymer
 meets UL 94 V-O Requirements

Lead Material:
 24 AWG Tin Lead Plated Copper Clad Steel

Marking:

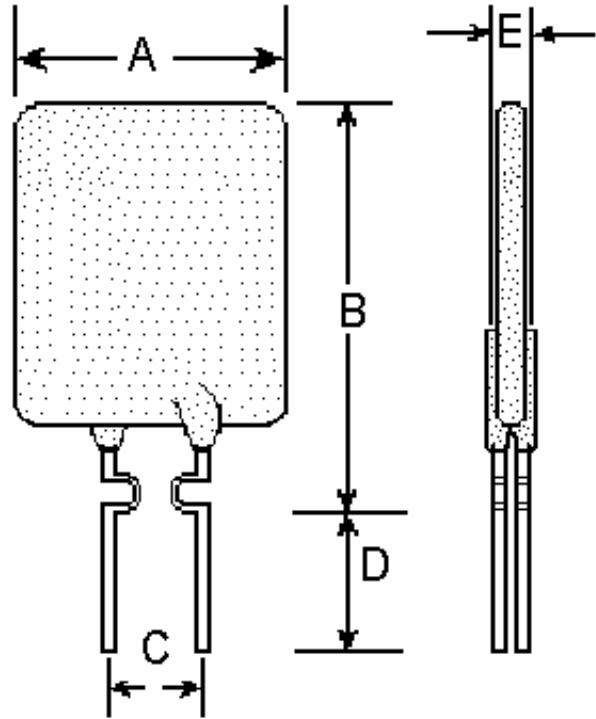
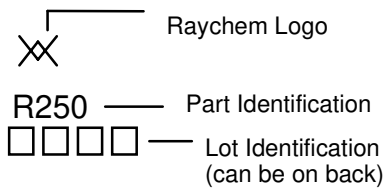


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | -- | 11.4 | -- | 18.3 | 4.3 | 5.8 | 7.6 | -- | -- | 3.0 |
| in*: | -- | (0.45) | -- | (0.72) | (0.17) | (0.23) | (0.30) | -- | -- | (0.12) |

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS :

| I HOLD RATED CURRENT | CURRENT RATINGS | | INITIAL RESISTANCE VALUES | | ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP | TIME TO TRIP @ 8A | TRIPPED-STATE POWER DISSIPATION |
|----------------------------|----------------------------|-----------------------------------|---------------------------------|----|--|----------------------|---------------------------------------|
| | AMPERES AT 20°C HOLD | AMPERES AT 20°C HOLD TRIP | OHMS AT 20°C MIN TYP | | OHMS AT 20°C MAX | SECONDS AT 20°C | WATTS AT 20°C |
| 2.50 | 2.50 5.00 | 0.02 0.03 | 0.06 | 40 | 1.2 | | |

Agency Recognitions: UL, CSA, TUV recognized.
 Reference Documents: PS300

Precedence: This specification takes precedence over documents referenced herein.

Effectivity: Reference documents shall be the issue in effect on the date of invitation for bid.

CAUTION: Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.