



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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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: RXE010

DOCUMENT: SCD 22156
 PCN: 838429
 REV LETTER: I
 REV DATE: FEBRUARY 7, 2002
 PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating

Voltage: 60V MAX
Current: 40A MAX

Insulating Material:
 Cured, Flame Retarded Epoxy Polymer
 meets UL94 V-0 Requirements

Lead Material:
 24 AWG, Solder coated Nickel- Copper alloy

Marking:

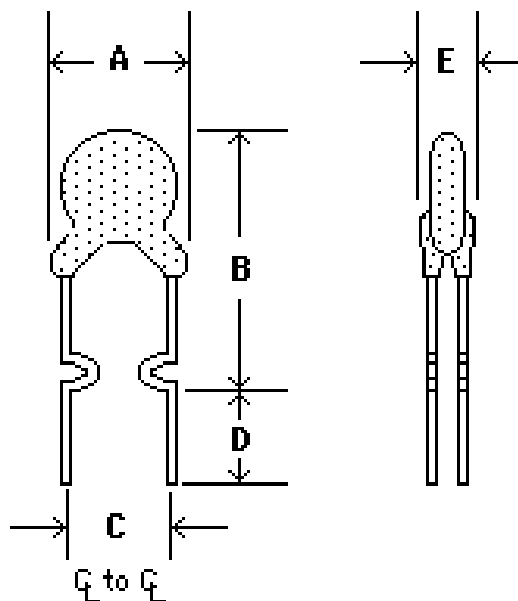
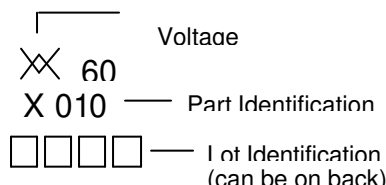


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | | F |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|-----|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN |
| mm: | -- | 7.4 | -- | 11.6 | 4.3 | 5.8 | 7.6 | -- | -- | 3.0 | -- |
| in*: | -- | (0.29) | -- | (0.46) | (0.17) | (0.23) | (0.30) | -- | -- | (0.12) | -- |

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

| I _H RATED CURRENT | CURRENT RATINGS | | | | | | TIME TO TRIP | INITIAL RESISTANCE VALUES | | ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP | NOMINAL TRIPPED- STATE POWER DISSIPATION |
|------------------------------------|-------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------|---------------------------------|------------------------|---------------------------------------------------------|------------------------------------------------------|
| | AMPERES 20°C HOLD | AMPERES AT 0°C HOLD | AMPERES AT 20°C TRIP | AMPERES AT 60°C HOLD | AMPERES AT 60°C TRIP | AMPERES AT 60°C TRIP | | SECONDS AT 20°C, 0.5A MAX | OHMS AT 20°C MIN | | |
| .10 | .11 | .22 | .10 | .20 | .07 | .14 | 4.0 | 2.50 | 4.50 | 7.5 | 0.38 |

Recognitions: UL, CSA and TUV approved.
 Approved by UL as a current limiting impedance, per the 1996 NEC, Tables 11 (c) and 11 (b).
 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.