



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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**Specification Status: Released**

**Electrical Rating**

**Voltage: 30V<sub>DC</sub> MAX**

**Current: 40A MAX**

**Insulating Material:**

Cured, Flame Retardant Epoxy Polymer  
meets UL94 V-0 Requirements

**Lead Material :**

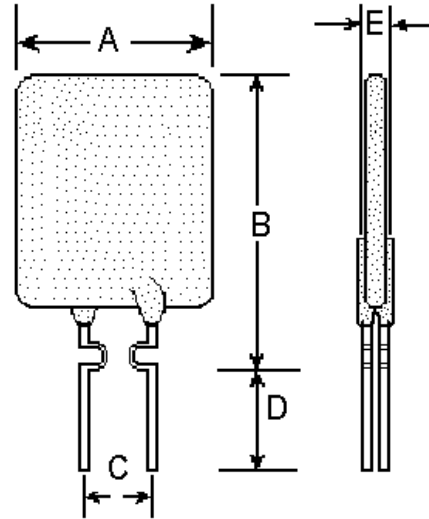
24 AWG Tin Plated Copper Clad Steel

**Marking:**

— Manufacturer's Mark

⊗ H0.7 and Part Identification

□ □ □ □ — Lot Identification



**TABLE I. DIMENSIONS:**

|      | A   |        | B   |        | C      |        | D      |     | E   |        |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
|      | MIN | MAX    | MIN | MAX    | MIN    | MAX    | MIN    | MAX | MIN | MAX    |
| mm:  | --  | 6.9    | --  | 10.8   | 4.3    | 5.8    | 7.6    | --  | --  | 3.0    |
| in*: | --  | (0.27) | --  | (0.43) | (0.17) | (0.23) | (0.30) | --  | --  | (0.12) |

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS :**

| I HOLD RATED CURRENT | CURRENT RATINGS   |                   | INITIAL RESISTANCE VALUES |      | TIME TO TRIP               | R <sub>1</sub> MAX 1 HR. POST TRIP RESISTANCE STANDARD TRIP | TRIPPED-STATE POWER DISSIPATION |
|----------------------|-------------------|-------------------|---------------------------|------|----------------------------|---|---------------------------------|
| AMPS AT 25°C HOLD    | AMPS AT 25°C HOLD | AMPS AT 25°C TRIP | OHMS AT 25°C              |      | SECONDS AT 25°C, 3.5 A MAX | OHMS AT 25°C MAX  | WATTS AT 25°C TYP               |
| 0.70                 | 0.70              | 1.40              | MIN                       | MAX  | 3.2                        | 0.8   | 1.4                             |
|                      |                   |                   | 0.30                      | 0.54 |                            |   |                                 |

Agency Recognitions:

UL, CSA, TUV

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.

**Materials Information**

**ROHS Compliant**

**ELV Compliant**

**Pb-Free**

**Halogen Free\***

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant



\* Halogen Free refers to: Br≤900ppm, Cl≤900ppm,

Br+Cl≤1500ppm.



Expertise Applied | Answers Delivered

**PolySwitch®**  
**PTC Devices**  
**Overcurrent Protection Device**

**PRODUCT: RHEF070**

DOCUMENT: SCD25203  
REV LETTER: F  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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