

Expertise Applied Answers Delivered

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RUSBF160

DOCUMENT: SCD25247 REV LETTER: F REV DATE: JULY 26, 2016 PAGE NO.: 1 OF 2

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 Plated Copper Clad Steel

Marking:

Manufacturer's Mark

X R160 and Part Identification

Lot Identification

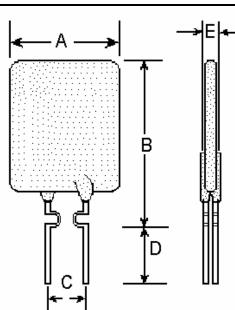


TABLE I. DIMENSIONS: С D MIN MAX MIN MAX MIN MAX MIN MIN MAX MAX 8.9 15.2 4.3 5.8 7.6 3.0 mm in* (0.35)---(0.60)(0.17)(0.23)(0.30)(0.12)Rounded off approximation **TABLE II. PERFORMANCE RATINGS :** CURRENT INITIAL RESISTANCE TIME TO TRIPPED-I HOLD ONE HOUR RATED RATINGS VALUES POST-TRIP TRIP STATE CURRENT RESISTANCE POWER @ 8A STANDARD DISSIPATI TRIP ON AMPERES AMPERS OHMS SECONDS WATTS OHMS AT 20°C AT 20°C AT 20°C AT 20°C AT 20°C AT 20°C HOLD TRIP HOLD MIN TYP MAX MAX 9 0.9 1.60 3.20 0.03 0.05 0.061 0.11 1.60 Agency Recognitions: UL, CSA, TUV **Reference Documents:** PS300 This specification takes precedence over documents referenced herein. Precedence: 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** Halogen Free* **Pb-Free** Directive 2000/53/EC Compliant Directive 2002/95/EC Compliant HF

* Halogen Free refers to: Br≤900ppm, Cl≤900ppm,Br+Cl≤1500ppm.



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