

# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: RUEF600-1

DOCUMENT : SCD26550 REV LETTER : D

REV DATE: JULY 26, 2016

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### **Specification Status: Released**

Maximum Electrical Rating at 20°C 30  $V_{DC}$  /100 A  $_{DC}$  30  $V_{AC}$  /70 ARMS

Insulating Material:

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

Lead Material:

20 AWG Tin Plated Copper

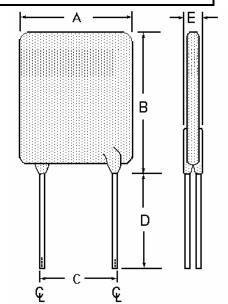
Marking:

Manufacturer's Mark

Manufacturer's Mark

Manufacturer's Mark

□□□□ — Lot Identification



#### **TABLE I. DIMENSIONS:**

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		16.5		24.1	9.4	10.9	25.4			3.0
in*:		(0.65)		(0.95)	(0.37)	(0.43)	(1.00)			(0.12)

<sup>\*</sup>Rounded off approximation

### **TABLE II. PERFORMANCE RATINGS:**

I HOLD	CURRENT RATINGS		TIME TO TRIP	RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED POWER DISSIPATION	
AMPS 20°C HOLD	AMPS AT 20°C HOLD   TRIP		SECONDS AT 20°C, 30.0A MAX	OHMS AT 20.0° C MIN   MAX		OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL	WATTS AT 20°C MAX
6.00	6.00	12.00	16.0	0.005	0.02	0.04	3.50	3.68

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





<sup>\*</sup> Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.



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