

### **PolySwitch® PTC Devices**

**Overcurrent Protection Device** 

**PRODUCT: RUEF110** 

DOCUMENT: SCD25170

**REV LETTER: G** 

**REV DATE: JULY 26.2016** 

PAGE NO.: 1 OF 2

## **Specification Status: Released**

Maximum Electrical Rating at 20°C

30 VDC /100 A DC 30 Vac /70 ARMS

Insulating Material:

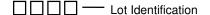
Cured, Flame Retardant Epoxy Polymer meets UL94 V-0 Requirements

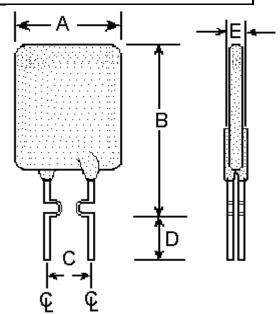
Lead Material:

24 AWG Tin Plated Copper Clad Steel

Marking:

- Manufacturer's Mark





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

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		7.4		14.2	4.3	5.8	7.6			3.0
in*:		(0.29)		(0.56)	(0.17)	(0.23)	(0.30)			(0.12)

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

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

17.15 12 11.1 1 11.1 0 11.11.1 11.1 11.1 11.1											
I HOLD	CURRENT RATINGS	TIME TO TRIP	RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED POWER DISSIPATION					
AMPS	AMPS AT	SECONDS AT	OHMS		OHMS	WATTS AT	WATTS AT				
20°C	20°C	20°C, 5.5A	AT 20°C		AT 20°C	20°C	20°C				
HOLD	HOLD TRIP	MAX	MIN	MAX	MAX	NOMINAL	MAX				
1.10	1.10 2.20	6.6	0.07	0.10	0.17	0.70	1.17				

UL, CSA, TUV, CQC Agency Recognitions:

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 2000/53/EC Compliant

Directive 2002/95/EC Compliant

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



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