

# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: RUSBF155

DOCUMENT: SCD25246

**REV LETTER: F** 

**REV DATE: JULY 26, 2016** 

PAGE NO.: 1 OF 2

### **Specification Status: Released**

Electrical Rating Voltage: 6V<sub>DC</sub> MAX Current: 40A MAX Insulating Material:

Cured, Flame Retardant Epoxy

Polymer

meets UL 94 V-O Requirements

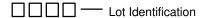
Lead Material:

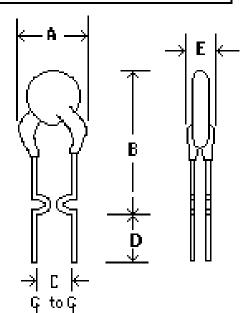
24 AWG Tin Plated Copper Clad Steel

Marking:

Manufacturer's Mark

X R155 and Part Identification





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

	Α		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		6.9		11.7	4.3	5.9	7.6			3.1
in*:		(0.27)	1	(0.46)	(0.17)	(0.23)	(0.30)		1	(0.12)

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

I HOLD RATED CURRENT	CURI RATI	RENT INGS	INITIA	L RESIST VALUES		ONE HOUR POST-TRIP RESISTANCE STANDARD	TIME TO TRIP @ 7.75A	TRIPPED -STATE POWER DISSIPAT
						TRIP		ION
AMPERS	AMP	ERES	OHMS			OHMS	SECONDS	WATTS
AT 20°C	AT 20°C		AT 20°C			AT 20°C	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	TYP	MAX	MAX		
1.55	1.55	2.65	0.04	0.06	0.0705	0.10	2.2	0.6

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



HF

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



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