

# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: RUSBF110

DOCUMENT: SCD25243

**REV LETTER: F** 

**REV DATE: JULY 26, 2016** 

PAGE NO.: 1 OF 2

## **Specification Status: Released**

Electrical Rating Voltage: 16V<sub>DC</sub> MAX Current: 40A MAX Insulating Material:

Cured, Flame Retardant Epoxy Polymer meets UL 94 V-O Requirements

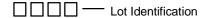
Lead Material:

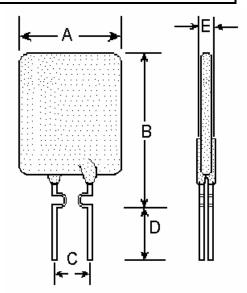
24 AWG Tin Plated Copper Clad

Steel Marking:

— Manufacturer's Mark

X R110 and Part Identification





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

	Α		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		7.4		14.2	4.3	5.8	7.6			3.0
in*:	1	(0.29)		(0.56)	(0.17)	(0.23)	(0.30)			(0.12)

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

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

I HOLD	CURF	RENT	INITIA	AL RESIST	TANCE	ONE HOUR	TIME TO	TRIPPED
RATED	RATI	NGS	VALUES			POST-TRIP	TRIP	-STATE
CURRENT						RESISTANCE	@ 8A	POWER
						STANDARD		DISSIPA
						TRIP		TION
AMPERS	AMPERES		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		
1.10	1.10	2.20	0.05	0.08	0.095	0.14	2.3	0.7

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

Revised July 26,2016

Directive 2000/53/EC Compliant





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Specifications are subject to change without notice.

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



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