

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_{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 XX R155 and Part Identification



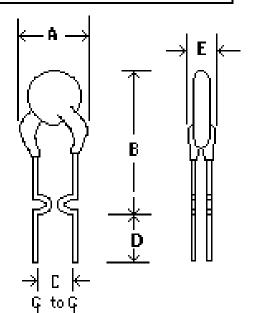


TABLE I. DIMENSIONS:

	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	CURF		INITIAL RESISTANCE			ONE HOUR	TIME TO	TRIPPED
RATED	RATI	NGS	VALUES			POST-TRIP	TRIP	-STATE
CURRENT						RESISTANCE	@ 7.75A	POWER
			I			STANDARD		DISSIPAT
						TRIP		ION
AMPERS	AMPE	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. Reference documents shall be the issue in effect on the date of invitation for bid. Effectivity:

CAUTION: Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.

Materials Information

ROHS Compliant ELV Compliant Halogen Free*

Directive 2002/95/EC Compliant

Directive 2000/53/EC





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



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