

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

 **R155** and Part Identification

 **□□□□** — Lot Identification

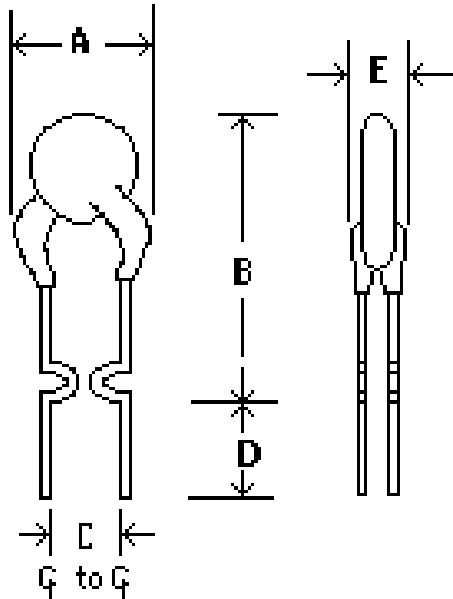


TABLE I. DIMENSIONS:

mm:	A MIN	A MAX	B MIN	B MAX	C MIN	C MAX	D MIN	D MAX	E MIN	E MAX
	--	6.9	--	11.7	4.3	5.9	7.6	--	--	3.1
in*:	--	(0.27)	--	(0.46)	(0.17)	(0.23)	(0.30)	--	--	(0.12)

TABLE II. PERFORMANCE RATINGS :

I HOLD RATED CURRENT	CURRENT RATINGS		INITIAL RESISTANCE VALUES			ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TIME TO TRIP @ 7.75A	TRIPPED -STATE POWER DISSIPAT ION
AMPERS AT 20°C HOLD	AMPERES AT 20°C HOLD TRIP		OHMS AT 20°C			OHMS AT 20°C MAX	SECONDS AT 20°C	WATTS AT 20°C
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**



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



PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: RUSBF155

DOCUMENT: SCD25246

REV LETTER: F

REV DATE: JULY 26, 2016

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