

**Tyco/Electronics**  
**Raychem Circuit Protection**  
 308 Constitution Drive  
 Menlo Park, CA 94025-1164  
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 FAX 800-227-4866

**PolySwitch®**  
**PTC Devices**  
 Overcurrent Protection Device

**PRODUCT: RUSB155**

DOCUMENT: SCD 24372  
 PCN: 832071  
 REV LETTER: C  
 REV DATE: FEBRUARY 3, 2003  
 PAGE NO.: 1 OF 1

**Specification Status: RELEASED**

**Electrical Rating**

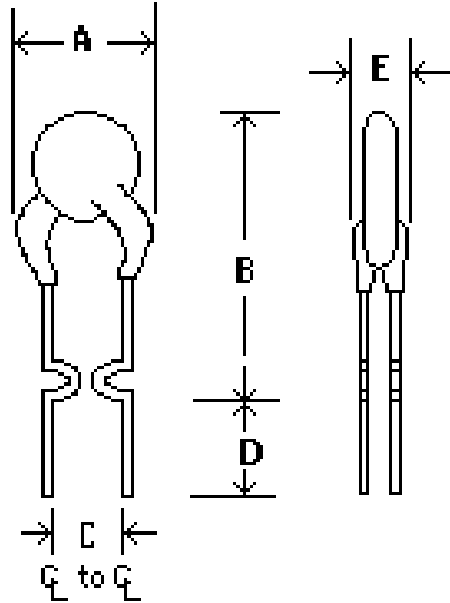
**Voltage: 6V<sub>DC</sub> MAX**  
**Current: 40A MAX**

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

Lead Material:  
 24 AWG Tin Lead Plated Copper Clad Steel

**Marking:**

- \_\_\_\_\_ Raychem Logo
- XX
- R155 \_\_\_\_\_ Part Identification
- \_\_\_\_\_ Lot Identification  
 (can be on back)



**TABLE I. DIMENSIONS:**

	A		B		C		D		E	
	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)	--	(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 DISSIPATION
	AMPERES AT 20°C HOLD	AMPERES AT 20°C HOLD   TRIP	OHMS AT 20°C MIN   TYP				
1.55	1.55	2.65	0.04	0.06	0.10	2.2	0.6

Agency Recognitions: UL, CSA, TUV recognized.  
 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.