

**Raychem Corporation**

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**R**  
**PolySwitch®**  
**PTC Devices**  
Resettable Fuse

**PRODUCT: RTE135**

DOCUMENT: SCD 24308  
PCN: 961293  
REV LETTER: B  
REV DATE: MARCH 26, 1999  
PAGE NO.: 1 OF 1

**Specification Status: RELEASED**

**Electrical Rating**

**Voltage: 33V MAX**  
**Current: 40A MAX**

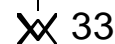
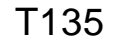

**Insulating Material:**

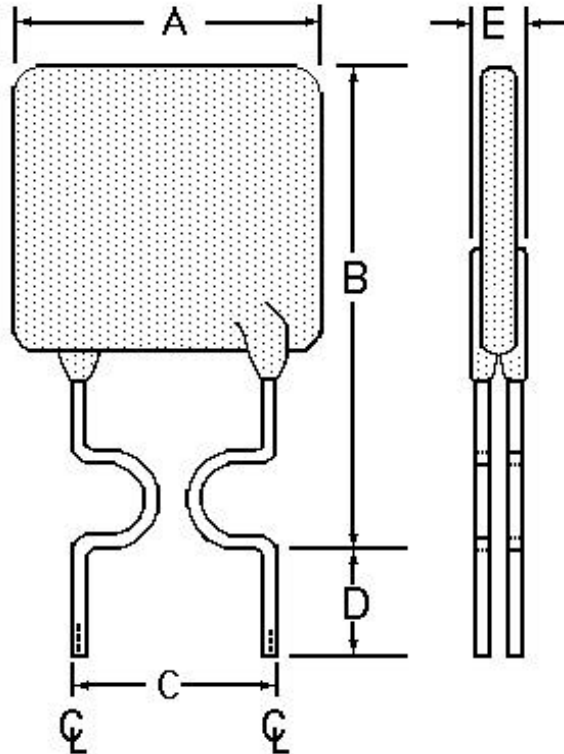
Cured, Flame Retarded Epoxy Polymer  
meets UL94 V-0 Requirements

**Lead Material:**

24 AWG Tin/Lead Plated Copper Clad Steel

**Marking:**

- 
Raychem Logo and Voltage
- 
Part Identification
- 
Lot Identification (can be on back)



**TABLE I. DIMENSIONS:**

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	--	7.4	--	14.2	4.3	5.8	7.6	--	--	3.0	--
in*:	--	(0.29)	--	(0.56)	(0.17)	(0.23)	(0.30)	--	--	(0.12)	--

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

I HOLD*	RATINGS		TIME TO TRIP*	RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	NOMINAL TRIPPED POWER DISSIPATION*
	AMPS AT 20°C HOLD	AMPS AT 20°C TRIP		OHMS AT 20°C	SECONDS AT 20°C		
	MIN	MAX	MIN	MAX	MIN	MAX	
	1.35	2.5	4.5	0.059	0.100	0.143	0.84

\* Values specified were determined using PCB's w/ 0.050 x 1oz Cu traces

- Recognitions: UL/CSA/TUV pending
- 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.