

Raychem Corporation

308 Constitution Drive
Menlo Park, CA 94025-1164
800-227-4856
FAX 800-227-4866

R
PolySwitch®
PTC Devices
Resettable Fuse

PRODUCT: RUE135

DOCUMENT: SCD 22049
PCN: 169627
REV LETTER: M
REV DATE: JANUARY 14, 2000
PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating

Voltage: 30V MAX
Current: 40A MAX

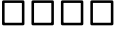
Insulating Material:

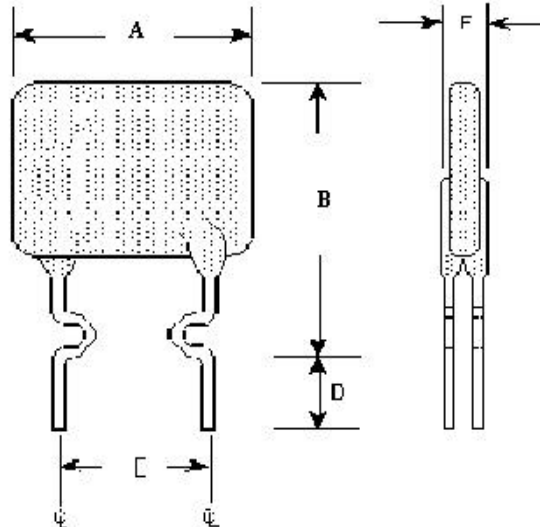
Cured, Flame Retarded Epoxy Polymer
meets UL94 V-0 Requirements

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:	--	8.9	--	13.5	4.3	5.8	7.6	--	--	3.0	--
in*:	--	(0.35)	--	(0.53)	(0.17)	(0.23)	(0.30)	--	--	(0.12)	--

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT RATINGS						TIME TO TRIP	RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	NOMINAL TRIPPED POWER DISSIPATION
AMPS 20°C HOLD	AMPS AT 0°C HOLD	AMPS AT 20°C TRIP	AMPS AT 60°C HOLD	AMPS AT 60°C TRIP	AMPS AT 60°C HOLD	AMPS AT 60°C TRIP	SECONDS AT 20°C, 6.75A MAX	OHMS AT 20°C		OHMS AT 20°C MAX	WATTS AT 20°C
								MIN	MAX		
1.35	1.55	3.10	1.35	2.70	0.81	1.62	7.3	0.04	0.08	0.13	0.8

Recognitions:**Reference Documents:****Precedence:****Effectivity:****CAUTION:**

UL/CSA/TUV approved

PS300

This specification takes precedence over documents referenced herein.

Reference documents shall be the issue in effect on the date of invitation for bid.

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