

Tyco/Electronics
Raychem Circuit Protection
 308 Constitution Drive
 Menlo Park, CA 94025-1164
 800-227-4856
 FAX 800-227-4866

PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: RUE250S

DOCUMENT: SCD 23151
 PCN: 869293
 REV LETTER: F
 REV DATE: JANUARY 30, 2003
 PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating

Voltage: 30V MAX
Current: 40A MAX

Insulated Material:
 Cured, Flame Retardant Epoxy Polymer
 meets UL94 V-0 Requirements

Lead Material:
 24 AWG Tin/Lead Plated Copper Clad Steel

Marking:

- Raychem Logo and Voltage
- XX 30
- Part Identification
- U250
- Lot Identification (can be on back)
-

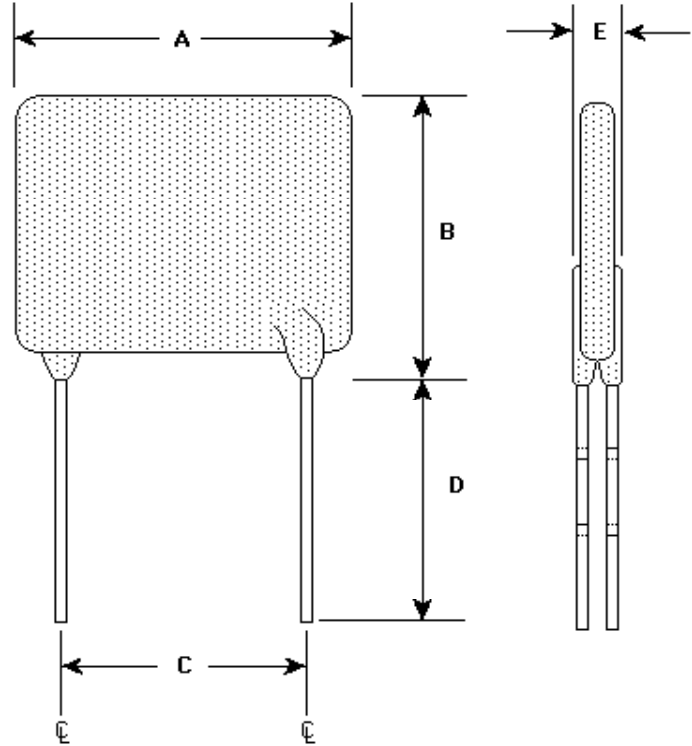


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	11.4	--	17.5	4.3	5.9	7.6	--	--	3.0
in*:	--	(0.45)	--	(0.69)	(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 20°C TRIP		SECONDS AT 20°C, 12.5A MAX	OHMS AT 20°C		
	HOLD	TRIP		MIN	MAX		
2.50	2.50	5.00	10.3	0.02	0.04	0.7	1.2

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