



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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

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

**PRODUCT: RTE120**

DOCUMENT: SCD 24306  
 PCN: 437425  
 REV LETTER: C  
 REV DATE: MAY 2, 2002  
 PAGE NO.: 1 OF 1

**Specification Status: RELEASED**

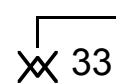
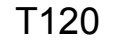
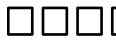
**Electrical Rating**

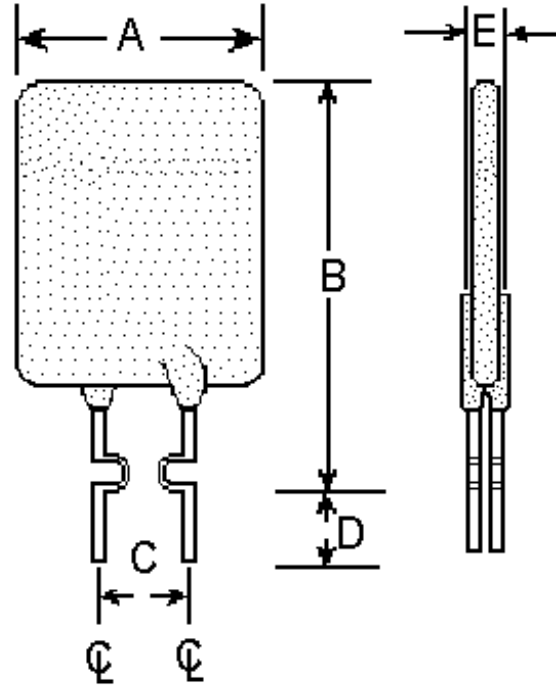
**Voltage: 33V MAX**  
**Current: 40A MAX**

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	--	12.2	4.3	5.8	7.6	--	--	3.0	--
in*:	--	(0.29)	--	(0.48)	(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 MIN	OHMS AT 20°C MAX		
1.2	1.2	2.3	3.5	0.074	0.120	0.180	0.78

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

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.