

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

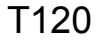
Insulating Material:

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)

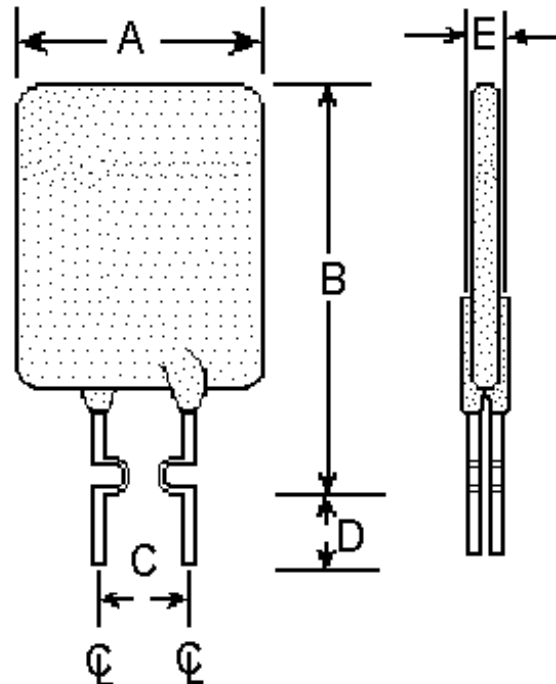


TABLE I. DIMENSIONS:

	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 20°C HOLD	AMPS AT 20°C HOLD	TRIP	SECONDS AT 20°C, 6.0A MAX	OHMS AT 20°C MIN	MAX	SECONDS AT 20°C MAX	WATTS AT 20°C
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.