# **Tyco Electronics**

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## **PolySwitch**® **PTC Devices**

**Overcurrent Protection Device** 

DOCUMENT: SCD 25229 PCN: C55032 REV LETTER: D REV DATE: AUGUST 16, 2007 Raychem Circuit Protection Products PAGE NO.: 1 OF 1

**PRODUCT: RXEF375** 

# **Specification Status: Released**

### **Electrical Rating** Voltage: 72V MAX Current: 40A MAX

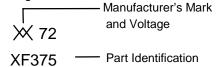
#### **Insulating Material:**

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

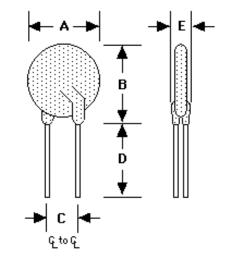
#### Lead Material:

20 AWG Tin Plated Copper

#### Marking:



 Lot Identification (can be on back)



### TABLE I. DIMENSIONS:

	А		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm		27.2		31.8	9.4	10.9	7.6			3.0
in*:		(1.07)		(1.25)	(0.37)	(0.43)	(0.30)			(0.12)

\*Rounded off approximation

### **TABLE II. PERFORMANCE RATINGS:**

	I HOLD RATED CURRENT		RENT INGS	RESIS	TIAL STANCE LUES	TIME TO TRIP	ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED- STATE POWER DISSIPATION
Ī	AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS
	AT 20°C	AT 20°C		AT 20°C		20°C, 18.75A	AT 20°C	AT 20°C
	HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL
L	3.75	3.75	7.50	0.03	0.05	24.0	0.08	3.2

Agency Recognitions: Reference Documents: Precedence: Effectivity: CAUTION:

#### UL, CSA, TUV.

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.

#### Materials Information **ROHS Compliant**

**ELV Compliant** 

**Pb-Free** 







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