

# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: RXEF075

DOCUMENT: SCD25221

**REV LETTER: H** 

REV DATE: JULY 26, 2016 PAGE NO.: 1 OF 2

## **Specification Status: Released**

**Electrical Rating** 

Voltage: 72 V max (AC or DC) Current: 40 A max (AC or DC)

Insulating Material:

Cured, Flame Retardant Epoxy Polymer

meets UL94 V-0 Requirements

Lead Material:

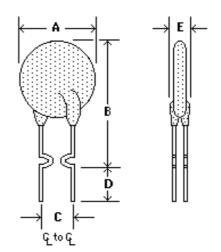
24 AWG Tin Plated Copper

Marking:

Manufacturer's Mark

X75 and Part Identification

□□□□ — Lot Identification



#### **TABLE I. DIMENSIONS:**

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	Α		В		С		D		Е		
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	
mm:		10.2		15.2	4.3	5.8	7.6			3.0	
in*:		(0.40)		(0.60)	(0.17)	(0.23)	(0.30)			(0.12)	

<sup>\*</sup>Rounded off approximation

#### TABLE II. PERFORMANCE RATINGS:

I HOLD RATED CURRENT	CURRENT RATINGS		INITIAL RESISTANCE VALUES		TIME TO TRIP	ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED- STATE POWER DISSIPATION	
AMPERES AT 20°C HOLD	AMPERES AT 20°C HOL TRIP D		OHMS AT 20°C MIN MAX		SECONDS AT 20°C, 3.75A MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL	WATTS AT 20°C MAX
0.75	0.75	1.50	0.25	0.40	6.3	0.60	0.92	1.77

Agency Recognitions: UL, CSA, TUV, CQC

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 orflame.

**Materials Information** 

ROHS Compliant ELV Compliant Pb-Free Halogen Free\*

Directive 2002/95/EC Compliant Directive 2000/53/EC Compliant





<sup>\*</sup> Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.



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