

308 Constitution Drive Menlo Park, CA USA www.circuitprotection.com

## **PolySwitch® PTC Devices**

**Overcurrent Protection Device** 

**PRODUCT: RKEF075** 

DOCUMENT: SCD26926 **REV LETTER: E** 

REV DATE: MARCH 12, 2013

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## **Specification Status: Released**

**Electrical Rating** Voltage: 60V MAX

Current: 40A MAX

Insulating Material:

Cured, Flame Retardant Epoxy Polymer

Lead Material:

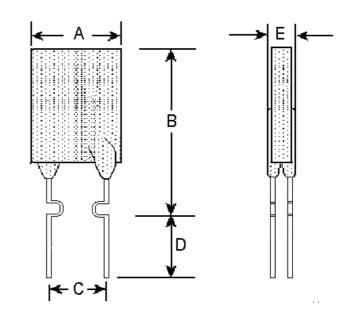
24 AWG Tin Plated Copper

Marking:

Manufacturer's Mark

XX K75 and Part Identification

Lot Identification



## **TABLE I. DIMENSIONS:**

	Α		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		7.87		12.2	4.32	5.84	7.6			3.56
in*:		(0.31)		(0.48)	(0.17)	(0.23)	(0.3)			(0.14)

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

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

I HOLD	CURRENT		INITIAL		TIME TO TRIP	ONE HOUR	TRIPPED-
RATED	ATED RATINGS		RESISTANCE			POST-TRIP	STATE
CURRENT			VALUES			RESISTANCE	POWER
						STANDARD	DISSIPATION
						TRIP	
AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS
AT 20°C	AT 20°C		AT 20°C		20°C, 8 A	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL
0.75	0.75	1.50	0.20	0.39	1.5	0.64	1.4

UL, TUV, CSA Agency Recognitions:

Reference Documents: PS300

This specification takes precedence over documents referenced herein. Precedence: 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.

**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. © 2008, 2013 Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All rights reserved.