

308 Constitution Drive Menlo Park, CA 94025-1164 Phone: 800-227-4856 www.circuitprotection.com

# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

Raychem Circuit Protection Products

**PRODUCT: RKEF065** 

DOCUMENT: SCD26925

PCN: RF0870 REV LETTER: B

REV DATE: JULY 22, 2008

PAGE NO.: 1 OF 1

## **Specification Status: Released**

Voltage: 60V MAX
Current: 40A MAX

Insulating Material:

Cured, Flame Retardant Epoxy Polymer

Lead Material:

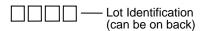
24 AWG Tin Plated Copper

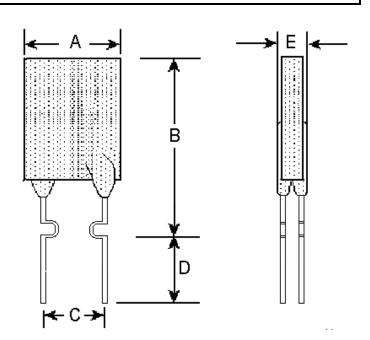
Marking:

Manufacturer's Mark and Voltage

**XX** 60

KF065 — Part Identification





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

	Α		В		C		D		, E ,	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	-	7.11		12.2	4.32	5.8	7.6		-	3.56
in*:		(0.28)		(0.48)	(0.17)	(0.23)	(0.3)		-	(0.14)

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

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

I HOLD	CUR	RENT	INI	TAL	TIME TO TRIP	ONE HOUR	TRIPPED-
RATED	RATED RATINGS		RESISTANCE			POST-TRIP	STATE
CURRENT	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
0.65	0.65	1.30	0.25	0.45	1.0	0.72	1.25

Agency Recognitions: UL, TUV

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.

### **Materials Information**

ROHS Compliant ELV Compliant Pb-Free

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



© 2008 Tyco Electronics Corporation. All rights reserved.