

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

PCN: RF

DOCUMENT: SCD26927 PCN: RF0872 REV LETTER: B

**PRODUCT: RKEF135** 

**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:

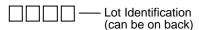
20 AWG Tin Plated Copper

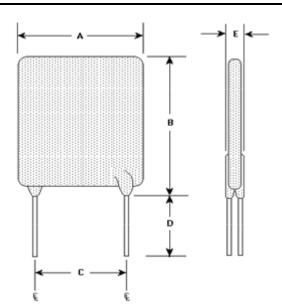
Marking:

Manufacturer's Mark and Voltage

 $\times \times 60$ 

KF135 — Part Identification





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

	Α		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		10.2		17.0	4.32	5.84	7.6			3.81
in*:		(0.40)		(0.67)	(0.17)	(0.23)	(0.3)			(0.15)

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

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

I HOLD RATED CURRENT	CURI RATI		RESIS	TAL TANCE UES	TIME TO TRIP	ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED- STATE POWER DISSIPATION
AMPERES	PERES AMPERES		OHMS		SECONDS AT	OHMS	WATTS
AT 20°C	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
1.35	1.35	2.70	0.11	0.22	4.5	0.37	2.3

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.