

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

# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: RKEF135

DOCUMENT: SCD26927

**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

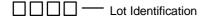
Lead Material:

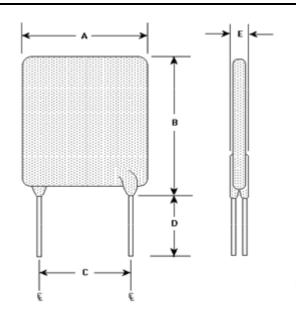
20 AWG Tin Plated Copper

Marking:

mn in' — Manufacturer's Mark

K135 and Part Identification





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

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
m:	-	10.2		17.0	4.32	5.84	7.6			3.81
*.		(0.40)		(0.67)	(0.17)	(0.23)	(0.3)			(0.15)

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

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

I HOLD	CURRENT		INITIAL		TIME TO TRIP	ONE HOUR	TRIPPED-
RATED	RATINGS		RESISTANCE			POST-TRIP	STATE
CURRENT			VALUES			RESISTANCE	POWER
						STANDARD	DISSIPATION
						TRIP	
AMPERES	RES AMPERES		OHMS		SECONDS AT	OHMS	WATTS
AT 20°C	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
1.35	1.35	2.70	0.11	0.22	4.5	0.37	2.3

Agency Recognitions:

UL, TUV, CSA

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** 

**Halogen Free\*** 

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



HF

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