

### **PolySwitch**® **PTC Devices**

**Overcurrent Protection Device** 

PRODUCT: RKEF160

DOCUMENT: SCD26928

**REV LETTER: E** 

REV DATE: July 26, 2016

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## **Specification Status: Released**

**Electrical Rating** Voltage: 60V MAX Current: 40A MAX

**Insulating Material:** 

Cured, Flame Retardant Epoxy Polymer

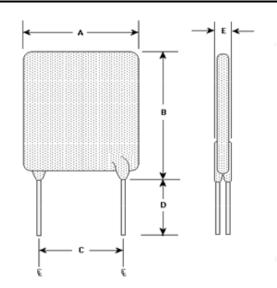
Lead Material:

20 AWG Tin Plated Copper

Marking:

Manufacturer's Mark XX K160 and Part Identification

Lot Identification



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

12-12-11-10-10-10-10-10-10-10-10-10-10-10-10-											
	Α		В		С		D		E		
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	
mm:	-	12.2		18.3	4.32	5.84	7.6	-	-	3.81	
in*:		(0.48)		(0.72)	(0.17)	(0.23)	(0.3)			(0.15)	

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

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

I HOLD RATED CURRENT		RENT INGS	RESIS	TIAL TANCE UES	TIME TO TRIP	ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED- STATE POWER DISSIPATION
AMPERES AT 20°C HOLD	AMPERES AT 20°C HOLD   TRIP		OHMS AT 20°C MIN   MAX		SECONDS AT 20°C, 8.2 A MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL
1.60	1.60	3.20	0.10	0.20	9	0.32	2.4

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





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



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