

## PolySwitch® PTC Devices

**Overcurrent Protection Device** 

**PRODUCT: RKEF065** 

DOCUMENT: SCD26925 REV LETTER: F

**REV DATE: JULY 26, 2016** 

PAGE NO.: 1 OF 2

### **Specification Status: Released**

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

**Insulating Material:** 

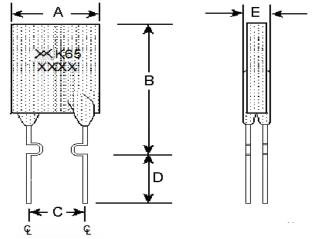
Cured, Flame Retardant Epoxy Polymer

Lead Material:

24 AWG Tin Plated Copper

Marking:

XXXX — Lot Identification



Measured at the button of the kink in device lead wires.

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

mm: in\*:

Α		В		С		D		E	
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
	7.11		12.2	4.32	5.8	7.6			3.56
	(0.28)		(0.48)	(0.17)	(0.23)	(0.3)			(0.14)

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

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

I HOLD	CURI	RENT	INITIAL		TIME TO TRIP	ONE HOUR	TRIPPED-					
RATED	RATINGS		RESISTANCE			POST-TRIP	STATE POWER					
CURRENT			VALUES			RESISTANCE						
						STANDARD 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	0.35	1.0	0.72	1.25					

Agency Recognitions:

UL, TUV, CSA

Reference Documents:

PS300

Precedence: Effectivity: CAUTION: This specification takes precedence over documents referenced herein. Reference documents shall be the issue in effect on the date of invitation for bid.

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





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



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