

**Specification Status: Released**

**Electrical Rating**

Voltage: 60V MAX  
Current: 40A MAX

**Insulating Material:**

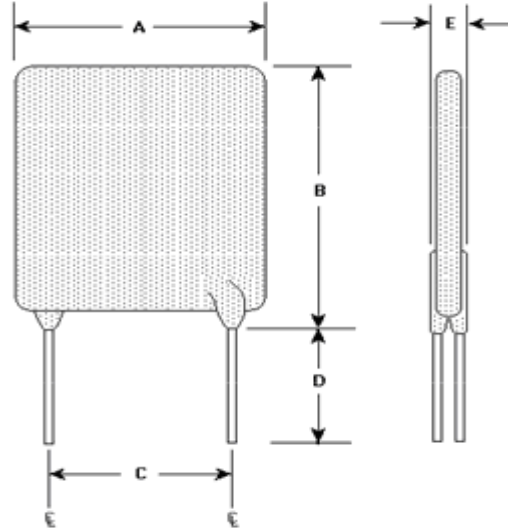
Cured, Flame Retardant Epoxy Polymer

**Lead Material:**

20 AWG Tin Plated Copper

**Marking:**

— Manufacturer's Mark  
XX K185 and Part Identification  
  
□ □ □ □ — Lot Identification



**TABLE I. DIMENSIONS:**

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	13.0	---	18.8	4.32	5.84	7.6	---	---	3.81
in*:	--	(0.51)	---	(0.74)	(0.17)	(0.23)	(0.3)	---	---	(0.15)

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

I HOLD RATED CURRENT	CURRENT RATINGS		INITIAL RESISTANCE VALUES		TIME TO TRIP	ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED-STATE POWER DISSIPATION
AMPERES AT 20°C HOLD	AMPERES AT 20°C		OHMS AT 20°C		SECONDS AT 20°C, 9.25A MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL
	HOLD	TRIP	MIN	MAX			
1.85	1.85	3.70	0.06	0.152	12.6	0.25	2.6

Agency Recognitions:  
Reference Documents:  
Precedence:  
Effectivity:  
CAUTION:

UL, TUV, CSA  
PS300  
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

Directive 2002/95/EC Compliant

ELV Compliant

Directive 2000/53/EC Compliant

Pb-Free



Halogen Free\*



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



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**PolySwitch®**  
**PTC Devices**  
**Overcurrent Protection Device**

**PRODUCT : RKEF185**

DOCUMENT : SCD26920  
REV LETTER: E  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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