

**Specification Status: Released**

**Electrical Rating**

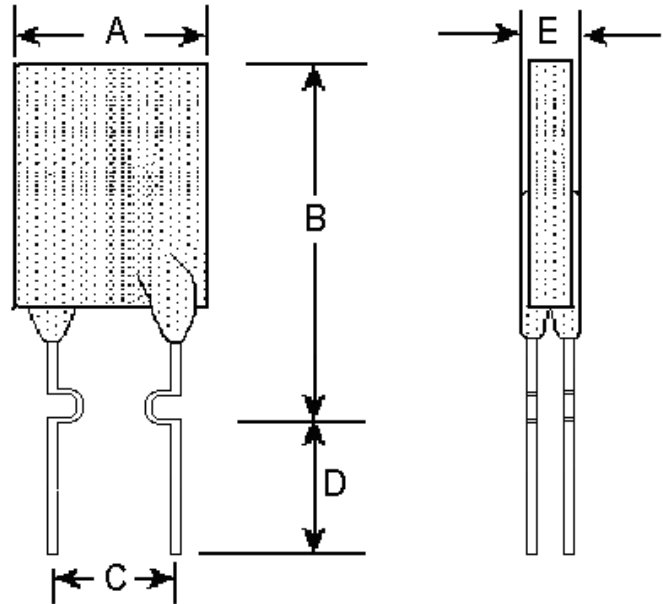
**Voltage: 60V MAX**  
**Current: 40A MAX**

Insulating Material:  
 Cured, Flame Retardant Epoxy Polymer

Lead Material:  
 24 AWG Tin Plated Copper

Marking:  
 ———— Manufacturer's Mark  
 X X K50 and Part Identification

□ □ □ □ — Lot Identification



**TABLE I. DIMENSIONS:**

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	---	7.1	---	11.43	4.32	5.84	7.6	---	---	3.56
in*:	---	(0.28)	---	(0.45)	(0.17)	(0.23)	(0.3)	---	---	(0.14)

\*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 HOLD	AMPERES AT 20°C TRIP	OHMS AT 20°C		SECONDS AT 20°C, 8 A MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL
			MIN	MAX			
0.50	0.50	1.0	0.32	0.529	0.8	0.90	1.0

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\*



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

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

**PRODUCT: RKEF050**

DOCUMENT: SCD26918  
REV LETTER: E  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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