

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
 XX K50 and Part Identification

□□□□ — Lot Identification

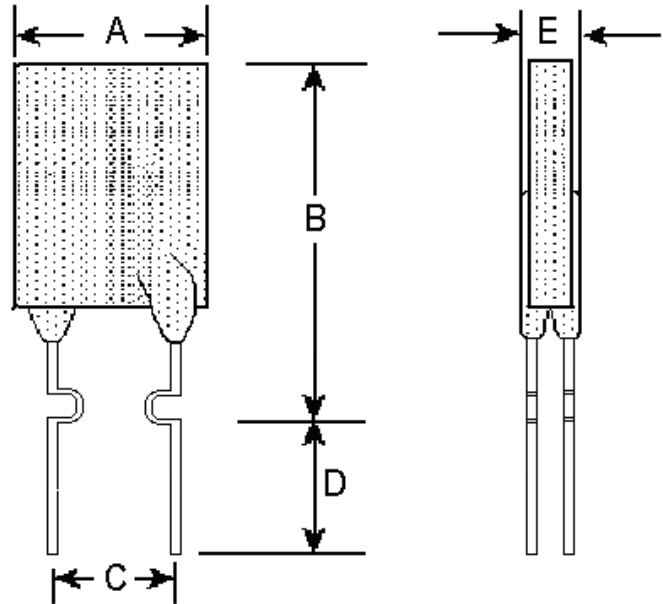


TABLE I. DIMENSIONS:

	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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