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# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

**Raychem Circuit Protection Products** 

PRODUCT: RKEF050 DOCUMENT: SCD26918 PCN: RF0853 REV LETTER: B REV DATE: JULY 22, 2008 PAGE NO.: 1 OF 1

**Specification Status: Released** 

# Electrical Rating Voltage: 60V MAX

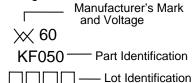
Current: 40A MAX

Insulating Material: Cured, Flame Retardant Epoxy Polymer

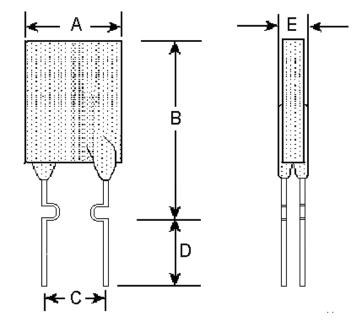
Lead Material:

24 AWG Tin Plated Copper

## Marking:



- Lot Identification (can be on back)



#### TABLE I. DIMENSIONS:

	А		В		С		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)
	* 0			•						

\*Rounded off approximation

### TABLE II. PERFORMANCE RATINGS:

	I HOLD	CURR	RENT	INIT	IAL	TIME TO TRIP	ONE HOUR	TRIPPED-
	RATED	RATINGS		RESISTANCE			POST-TRIP	STATE
	CURRENT			VALUES			RESISTANCE	POWER
							STANDARD	DISSIPATION
							TRIP	
ſ	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
	0.50	0.50	1.0	0.32	0.529	0.8	0.90	1.0

Agency Recognitions: UL, TUV

Reference Documents: Precedence:

Effectivity: CAUTION: nts: 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

#### ELV Compliant

Pb-Free





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