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PolySwitch® PTC Devices

Overcurrent Protection Device

Raychem Circuit Protection Products

PRODUCT: RKEF090

DOCUMENT: SCD26919

PCN: RF0854 REV LETTER: C

REV DATE: AUGUST 19, 2009

PAGE NO.: 1 OF 1

Specification Status: Released

Voltage: 60V MAX

Current: 40A MAX

Insulating Material:

Cured, Flame Retardant Epoxy Polymer

Lead Material:

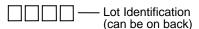
24 AWG Tin Plated Copper

Marking:

Manufacturer's Mark and Voltage

XX 60

KF090 — Part Identification



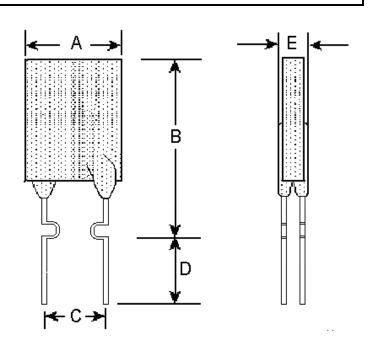


TABLE I. DIMENSIONS:

	Α		В		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		7.87		13.97	4.32	5.84	7.6			3.56
in*:		(0.31)		(0.55)	(0.17)	(0.23)	(0.3)			(0.14)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	I HOLD CURRENT		INITIAL		TIME TO TRIP	ONE HOUR	TRIPPED-
RATED	RATED RATINGS		RESISTANCE			POST-TRIP	STATE
CURRENT	CURRENT		VALUES			RESISTANCE	POWER
						STANDARD	DISSIPATION
						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
0.90	0.90	1.80	0.19	0.32	2.0	0.52	1.5

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

Directive 2002/95/EC Compliant Directive 2000/53/EC Compliant



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