Tyco Electronics

308 Constitution Drive Menlo Park, CA 94025-1164 Phone: 800-227-4856 www.circuitprotection.com

PolySwitch® **PTC Devices**

Overcurrent Protection Device

PRODUCT: RXEF030 DOCUMENT: SCD 25217 PCN: 461130 REV LETTER: D REV DATE: AUGUST 16, 2007 PAGE NO.: 1 OF 1

Raychem Circuit Protection Products

Specification Status: Released

Electrical Rating Voltage: 72V MAX Current: 40A MAX

Insulating Material:

Cured, Flame Retardant Epoxy Polymer meets UL94 V-0 Requirements

Lead Material:

24 AWG Tin Plated Copper Clad Steel

Marking:



and Voltage

Manufacturer's Mark

Part Identification XF030

> Lot Identification (can be on back)

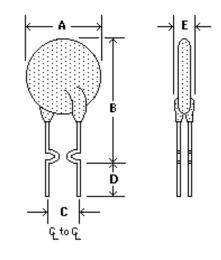


TABLE I. DIMENSIONS:

	А		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		7.4		12.7	4.3	5.8	7.6			3.0
in*:		(0.29)		(0.50)	(0.17)	(0.23)	(0.30)			(0.12)

*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	
AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS
AT 20°C	AT 20°C		AT 20°C		20°C, 1.5A	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL
0.30	0.30	0.60	0.88	1.33	3.0	2.10	0.49

Agency Recognitions:

UL, CSA, TUV

Approved by UL as a current limiting impedance, per the 1996 NEC, Tables 11 (c) and 11 (b). PS300 Reference Documents: 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











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