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PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RXEF090

DOCUMENT: SCD25222

PCN: A52660 REV LETTER: F

REV DATE: MAY 13, 2011

PAGE NO.: 1 OF 1

Specification Status: Released

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

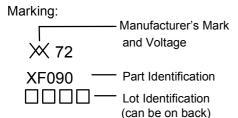
ouncill. Torring

Insulating Material:

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

Lead Material:

24 AWG Tin Plated Copper



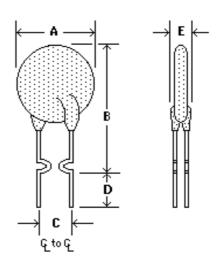


TABLE I. DIMENSIONS:

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		11.2		15.8	4.3	5.8	7.6			3.0
in*:		(0.44)		(0.62)	(0.17)	(0.23)	(0.30)			(0.12)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD RATED CURRENT		RENT INGS	RESIS	TIAL TANCE UES	TIME TO TRIP	ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED- STATE POWER DISSIPATION
AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS
AT 20°C	AT 20°C		AT 20°C		20°C, 4.5A	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL
0.90	0.90	1.80	0.20	0.31	7.2	0.47	0.99

Agency Recognitions: UL, CSA and TUV

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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