

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RXEF050

DOCUMENT: SCD25219

REV LETTER: J

REV DATE: JULY 26, 2016

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Specification Status: Released

Electrical Rating

Voltage: 72 V max (AC or DC) Current: 40 A max (AC or DC)

Insulating Material:

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

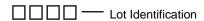
Lead Material:

24 AWG Tin Plated Copper

Marking:

Manufacturer's Mark

XX X50 and Part Identification



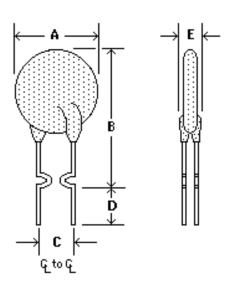


TABLE I. DIMENSIONS:

	Α		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		7.9		13.7	4.3	5.8	7.6			3.0
in*:		(0.31)		(0.54)	(0.17)	(0.23)	(0.30)			(0.12)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	OLD CURRENT		INITIAL		TIME TO TRIP	ONE HOUR	TRIPPED- STATE	
RATED	RATINGS		RESISTANCE			POST-TRIP	POWER	
CURRENT	•		VALUES			RESISTANCE	NCE DISSIPATION	
						STANDARD		
						TRIP		
AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS	WATTS
AT 20°C	AT 20°C		AT 20°C		20°C, 2.5A	AT 20°C	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL	MAX
0.50	0.50	1.00	0.50	0.77	4.0	1.17	0.77	1.29

Agency Recognitions: UL, CSA, TUV, CQC

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*

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant





^{*} Halogen Free refers to: Br≤900ppm, Cl≤900ppm,Br+Cl≤1500ppm.



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