

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RXEF250

DOCUMENT: SCD25227 REV LETTER: G

REV DATE: JULY 26, 2016

PAGE NO.: 1 OF 2

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

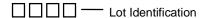
Lead Material:

20 AWG Tin Plated Copper

Marking:

Manufacturer's Mark

XX X250 and Part Identification



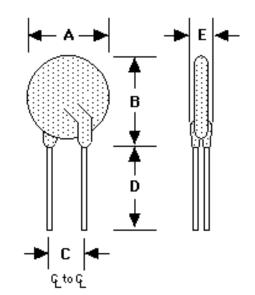


TABLE I. DIMENSIONS:

	Α		В		С		D		Е		
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	
		20.8		25.4	9.4	10.9	7.6			3.0	
mm:											
		(0.82)		(1.00)	(0.37)	(0.43)	(0.30)			(0.12)	
in*:							·				

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

	I HOLD	CURRENT		INITIAL		TIME TO TRIP	ONE HOUR	TRIPPED- STATE					
	RATED	RATINGS		RESISTANCE			POST-TRIP	POWER DISSIPATION					
	CURRENT	Г		VALUES			RESISTANCE						
							STANDARD TRIP						
4	MPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS	WATTS				
	AT 20°C	AT 20°C		AT 20°C		20°C, 12.5A	AT 20°C	AT 20°C	AT 20°C				
	HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL	MAX				
	2.50	2.50	5.00	0.05	0.08	15.6	0.13	2.5	3.38				

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.



PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RXEF250

DOCUMENT: SCD25227 REV LETTER: G

REV DATE: JULY 26, 2016

PAGE NO.: 2 OF 2

Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. littelfuse products are not designed for, and shall not be used for, any purpose (including, without limitation, military, aerospace, medical, lifesaving, life-sustaining or nuclear facility applications, devices intended for surgical implant into the body, or any other application in which the failure or lack of desired operation of the product may result in personal injury, death, or property damage) other than those expressly set forth in applicable Littelfuse product documentation. Warranties granted by Littelfuse shall be deemed void for products used for any purpose not expressly set forth in applicable Littelfuse documentation. Littelfuse shall not be liable for any claims or damages arising out of products used in applications not expressly intended by Littelfuse as set forth in applicable Littelfuse documentation. The sale and use of Littelfuse products is subject to Littelfuse Terms and Conditions of Sale, unless otherwise agreed by Littelfuse.