

PolySwitch® **PTC Devices**

Overcurrent Protection Device

PRODUCT: RUEF135

DOCUMENT: SCD25171

REV LETTER: H

REV DATE: JULY 26,2016

PAGE NO.: 1 OF 2

Specification Status: Released

Maximum Electrical Rating at 20°C

30 Vpc /100 A pc 30 VAC /70 ARMS

Insulating Material:

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

Lead Material:

24 AWG Tin Plated Copper Clad Steel

Marking:

- Manufacturer's Mark X U135 and Part Identification

Lot Identification

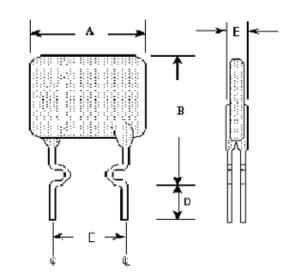


TABLE I. DIMENSIONS:

	Α		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		8.9		13.5	4.3	5.8	7.6			3.0
in*:		(0.35)	-	(0.53)	(0.17)	(0.23)	(0.30)			(0.12)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT				TANCE	ONE-HOUR	TRIPPED POWER	
	RATINGS		TRIP			POST-TRIP	DISSIPATION	
						RESISTANCE		
						STANDARD TRIP		
AMPS	AMPS AT		SECONDS AT	OHMS		OHMS	WATTS AT	WATTS AT
20°C	20°C		20°C, 6.75.A	AT 20°C		AT 20°C	20°C	20°C
HOLD	HOLD	TRIP	MAX	MIN	MAX	MAX	NOMINAL	MAX
1.35	1.35	2.70	7.3	0.04	0.08	0.13	0.80	1.25

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 Halogen Free* Pb-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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