

308 Constitution Drive Menlo Park, CA USA www.circuitprotection.com

PolySwitch® **PTC Devices**

Overcurrent Protection Device

PRODUCT: RUEF135 DOCUMENT: SCD25171 **REV LETTER: G** REV DATE: FEBRUARY 02, 2012 PAGE NO.: 1 OF 1

Specification Status: Released

Maximum Electrical Rating at 20°C 30 VDC /100 A DC 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

XX U135 and Part Identification

Lot Identification

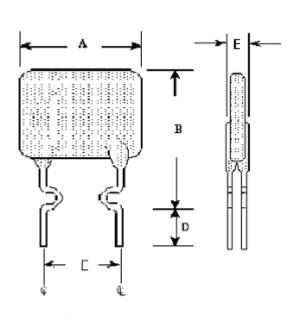


TABLE I. DIMENSIONS:

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

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

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

Agency Recognitions: Reference Documents: Precedence: Effectivity: CAUTION:

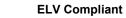
UL, CSA, TUV

PS300

This specification takes precedence over documents referenced herein. Reference documents shall be the issue in effect on the date of invitation for bid. Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.

Materials Information

ROHS Compliant



Pb-Free











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

© 2006, 2012 Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All rights reserved.