

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RUEF135S

DOCUMENT: SCD26022

REV LETTER: E

REV DATE: JULY 26, 2016

PAGE NO.: 1 OF 2

Specification Status: Released

Maximum Electrical Rating at 20°C

 $30~V_{DC}\,/100~A_{DC}$ $30~V_{AC}\,/70~A_{RMS}$

Insulating Material:

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

Lead Material:

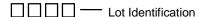
24 AWG Tin Plated Copper Clad Steel

Marking:

Manufacturer's Mark

Multiple Manufacturer's Mark

Multiple Manufacturer's Mark



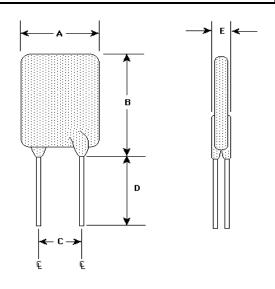


TABLE I. DIMENSIONS:

	А		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		8.9	1	12.7	4.3	5.8	7.6	1	-	3.0
in*:		(0.35)		(0.50)	(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 DISSIPA	
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 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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