

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RUSBF135

DOCUMENT: SCD25245

REV LETTER: G

REV DATE: JULY 26, 2016

PAGE NO.: 1 OF 2

Specification Status: Released

Electrical Rating Voltage: 16V_{DC} MAX Current: 40A MAX Insulating Material:

Cured, Flame Retardant Epoxy

Polymer

meets UL 94 V-O Requirements

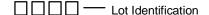
Lead Material:

24 AWG Tin Plated Copper Clad

Steel Marking:

Manufacturer's Mark

X R135 and Part Identification



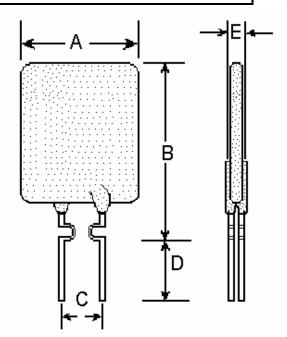


TABLE I. DIMENSIONS:

	Α		В		С		D		E	
	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 RATED CURRENT		RENT INGS	INITIAL RESISTANCE VALUES			ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TIME TO TRIP @ 8A	TRIPPED- STATE POWER DISSIPATION
AMPERS	AMPERES		OHMS			OHMS	SECONDS	WATTS
AT 20°C	AT 20°C		AT 20°C			AT 20°C	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	TYP	MAX	MAX		
1.35	1.35	2.70	0.04	0.06	0.08	0.12	4.5	0.8

Agency Recognitions: UL, CSA, TUV 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

Directive 2002/95/EC Compliant Directive 2000/53/EC Compliant Pb-Free



Halogen Free*

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



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