

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

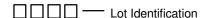
Lead Material:

24 AWG Tin Plated Copper Clad

Steel Marking:

Manufacturer's Mark

X R135 and Part Identification



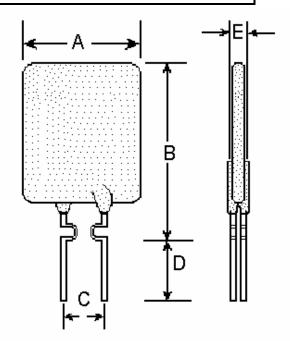


TABLE I. DIMENSIONS:

	Α		В		C		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	CURI RATI	RENT NGS	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	8.0

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

Directive 2000/53/EC

Pb-Free



Halogen Free*

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



PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RUSBF135

DOCUMENT: SCD25245 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, ife-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. Narranties 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.