

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
⊗ R110 and Part Identification

□ □ □ □ — Lot Identification

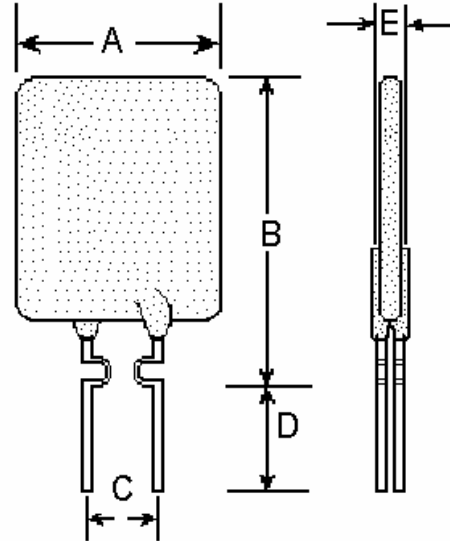


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	7.4	--	14.2	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.29)	--	(0.56)	(0.17)	(0.23)	(0.30)	--	--	(0.12)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS :

I HOLD RATED CURRENT	CURRENT RATINGS		INITIAL RESISTANCE VALUES			ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TIME TO TRIP @ 8A	TRIPPED -STATE POWER DISSIPA TION
	AMPERES AT 20°C HOLD	AMPERES AT 20°C HOLD TRIP	MIN	OHMS AT 20°C TYP	MAX			
1.10	1.10	2.20	0.05	0.08	0.095	0.14	2.3	0.7

Agency Recognitions:
Reference Documents:
Precedence:

UL, CSA, TUV
PS300

Effectivity:

This specification takes precedence over documents referenced herein.

CAUTION:

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

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.



PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: RUSBF110

DOCUMENT: SCD25243
REV LETTER: F
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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