

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

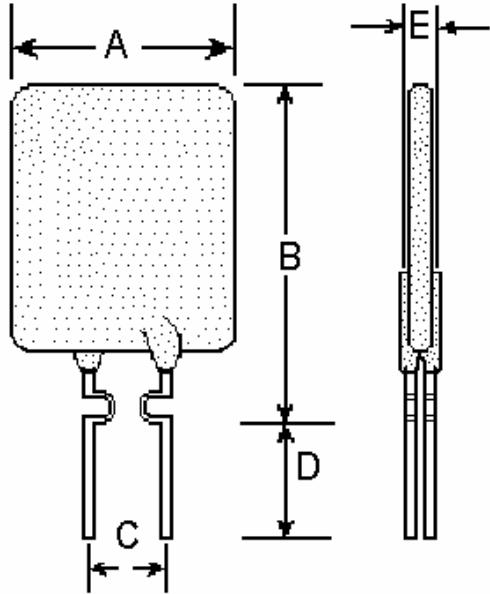
Lead Material:

24 AWG Tin Plated Copper Clad Steel

Marking:

 Manufacturer's Mark
 R250 and Part Identification

 Lot Identification


TABLE I. DIMENSIONS:

mm:	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
--	11.4	--	18.3	4.3	5.8	7.6	--	--	--	3.0
in*:	--	(0.45)	--	(0.72)	(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 DISSIPATION
AMPERS AT 20°C HOLD	AMPERES AT 20°C HOLD		OHMS AT 20°C			OHMS AT 20°C MAX	SECONDS AT 20°C	WATTS AT 20°C
2.50	2.50	5.00	0.02	0.03	0.036	0.06	40	1.2

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

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.



Expertise Applied | Answers Delivered

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: RUSBF250

DOCUMENT: SCD25249
REV LETTER: F
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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