

**Specification Status: Released**

Maximum Electrical Rating at 20°C

 30 V<sub>DC</sub> /100 A<sub>DC</sub>

 30 V<sub>AC</sub> /70 A<sub>RMS</sub>

Insulating Material:

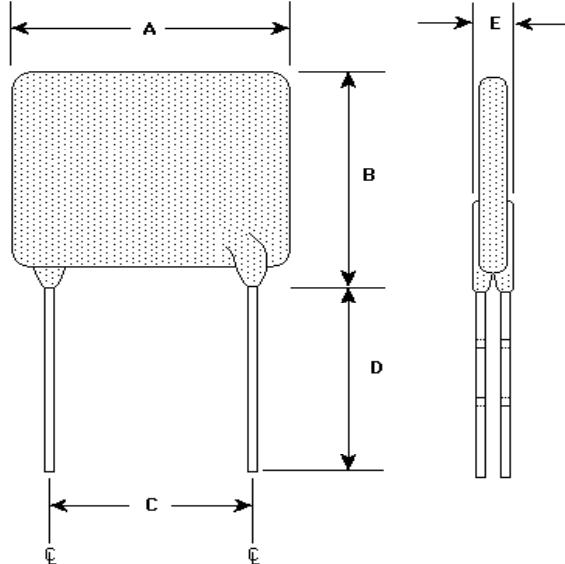
 Cured, Flame Retardant Epoxy Polymer  
 meets UL94 V-0 Requirements

Lead Material:

24 AWG Tin Plated Copper Clad Steel

Marking:

-  Manufacturer's Mark  
 U250 and Part Identification  
 Lot Identification


**TABLE I. DIMENSIONS:**

mm:	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	11.4	--	17.5	4.3	5.9	7.6	--	--	3.0
in*:	--	(0.45)	--	(0.69)	(0.17)	(0.23)	(0.30)	--	--	(0.12)

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

I HOLD		CURRENT RATINGS		TIME TO TRIP		RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP		TRIPPED POWER DISSIPATION	
AMPS	AMPS AT 20°C HOLD	AMPS AT 20°C HOLD	AMPS AT 20°C TRIP	SECONDS AT 20°C, 12.5A MAX	OHMS AT 20°C MIN	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL	WATTS AT 20°C MAX	WATTS AT 20°C MAX	WATTS AT 20°C MAX	
2.50	2.50	5.00	10.3		0.02	0.04	0.07	1.20	1.45		

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.



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**PolySwitch®**  
**PTC Devices**  
Overcurrent Protection Device

**PRODUCT: RUEF250S**

DOCUMENT: SCD26461  
REV LETTER: D  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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