




**Specification Status: Released**

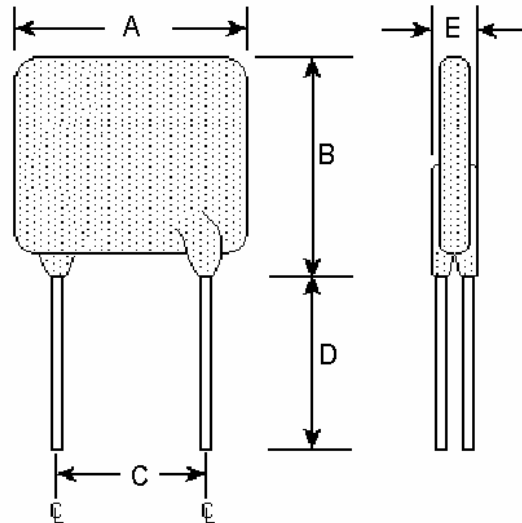
Maximum Electrical Rating at 20°C  
30 V<sub>DC</sub> /100 A<sub>DC</sub>  
30 V<sub>AC</sub> /70 A<sub>RMS</sub>

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

Lead Material:  
20 AWG Tin Plated Copper

Marking:  
 Manufacturer's Mark  
 U900 and Part Identification

 Lot Identification



**TABLE I. DIMENSIONS:**

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	24.1	--	29.0	9.4	10.9	7.6	--	--	3.0
in*:	--	(0.95)	--	(1.14)	(0.37)	(0.43)	(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 20°C HOLD	AMPS AT 20°C HOLD	AMPS AT 20°C TRIP	SECONDS AT 20°C, 45.0A MAX	OHMS AT 20°C MIN	OHMS AT 20°C MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL	WATTS AT 20°C MAX
9.00	9.00	18.00	20.0	0.005	0.01	0.02	4.20	4.91

Agency Recognitions: UL, CSA, TUV, CQC  
 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.

Information furnished is believed to be accurate and reliable. However, users should independently verify



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Overcurrent Protection Device

**PRODUCT: RUEF900**

DOCUMENT: SCD25181  
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PAGE NO.: 2 OF 2

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