




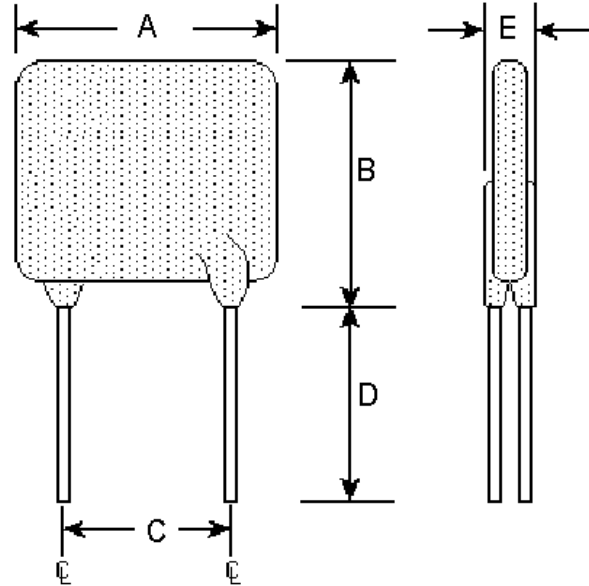
**Specification Status: Released**

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  
 XX U800 and Part Identification  
 Lot Identification



**TABLE I. DIMENSIONS:**

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	21.6	--	28.4	9.4	10.9	25.4	--	--	3.0
in*:	--	(0.85)	--	(1.12)	(0.37)	(0.43)	(1.00)	--	--	(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   TRIP	SECONDS AT 20°C, 40A MAX	OHMS AT 20°C MIN   MAX		OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL	WATTS AT 20°C MAX
8.00	8.00	16.00	18.8	0.005	.013	0.02	4.00	4.35

Agency Recognitions:  
Reference Documents:

UL, CSA, TUV  
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, r+Cl≤1500ppm.



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

**PRODUCT : RUEF800-1**

DOCUMENT : SCD26551  
REV LETTER : D  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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