

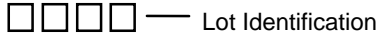


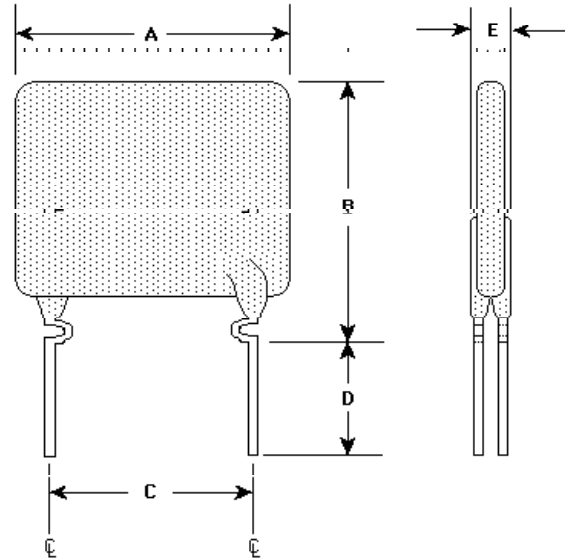
**Specification Status: Released**

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

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

Lead Material:  
20 AWG Tin/Lead 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	--	30.2	9.4	10.9	7.6	--	--	3.0
in*:	--	(0.85)	--	(1.19)	(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, 40A 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
8.00	8.00	16.00	18.8	0.005	0.013	0.02	4.00	4.35

Agency Recognitions:  
Reference Documents:  
Precedence:  
Effectivity:  
CAUTION:

UL, CSA, TUV, CQC  
PS300  
This specification takes precedence over documents referenced herein.  
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\*



\* Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.

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

**PRODUCT: RUEF800K**

DOCUMENT: SCD25792  
REV LETTER: F  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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