

Specification Status: Released

Maximum Electrical Rating at 20°C

30 V_{DC} /100 A_{DC}

30 V_{AC} /70 A_{RMS}

Insulating Material:

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

Lead Material:

20 AWG Tin Plated Copper

Marking:

— Manufacturer's Mark

XX U600 and Part Identification

□□□□ — Lot Identification

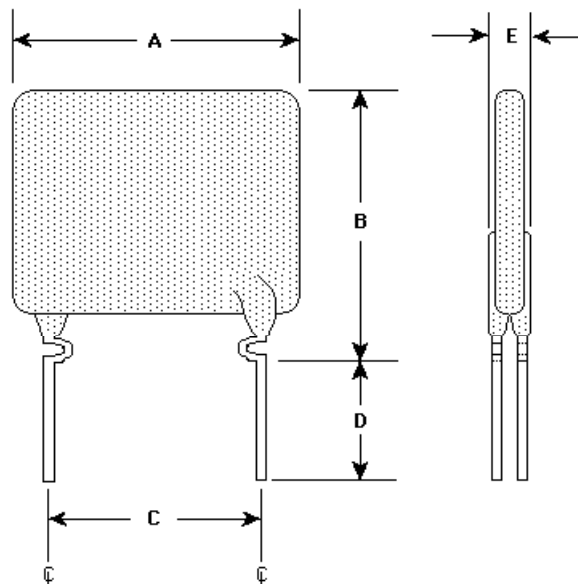


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	16.5	--	26.2	9.4	10.9	7.6	--	--	3.0
in*:	--	(0.65)	--	(1.03)	(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 20°C HOLD	AMPS 20°C TRIP	SECONDS AT 20°C, 30.0A MAX	OHMS AT 20.0° C MIN	OHMS AT 20.0° C MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL	WATTS AT 20°C MAX
6.00	6.00	12.00	16.0	0.005	0.02	0.04	3.50	3.68

Agency Recognitions:

Reference

Precedence: This

Effectivity: Reference

CAUTION: Operation

UL, CSA, TUV, CQC

Document: PS300

specification takes precedence over documents referenced herein.

documents shall be the issue in effect on the date of invitation for bid.

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.

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: RUEF600K

DOCUMENT: SCD25938
REV LETTER: E
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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