

PolySwitch®

PTC Devices

PRODUCT : RUEF700K

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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

X U700 and Part Identification

Lot Identification

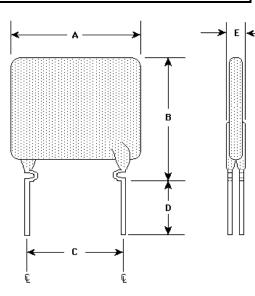


TABLE I. DIMENSIONS:

	A		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		19.1		27.7	9.4	10.9	7.6			3.0
in*:		(0.75)		(1.09)	(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	
ſ	AMPS	AMPS AT		SECONDS AT	OHMS		OHMS	WATTS AT	WATTS AT
	20°C	20°C		20°C, 35.0A	AT 20.0° C		AT 20°C	20°C	20°C
	HOLD	HOLD	TRIP	MAX	MIN	MAX	MAX	NOMINAL	MAX
	7.00	7.00	14.00	17.5	0.005	0.02	0.03	3.80	4.00

 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

Directive 2002/95/EC

Compliant





Halogen Free*



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



PolySwitch® PTC Devices Overcurrent Protection Device

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