

Specification Status: Released

Maximum Electrical Rating at 20°C

30 Vdc /100 A DC

30 VAC /70 ARMS

Insulating Material:

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

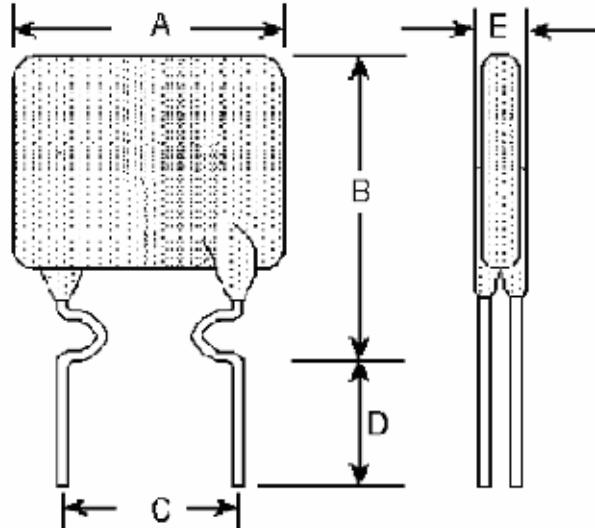
Lead Material:

20 AWG Tin Plated Copper

Marking:


 Manufacturer's Mark


 U300 and Part Identification


 Lot Identification

TABLE I. DIMENSIONS:

mm: in*:	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
--	11.4	--	18.03	4.3	5.8	7.6	--	--	3.0	
--	(0.45)	--	(0.71)	(0.17)	(0.23)	(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,15.0A 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
3.00	3.00	6.00	10.8	0.02	0.05	0.08	2.00	2.51

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.



PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: RUEF300K

DOCUMENT: SCD25894
REV LETTER: F
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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