


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 and Voltage

 Part Identification

 Lot Identification
(can be on back)

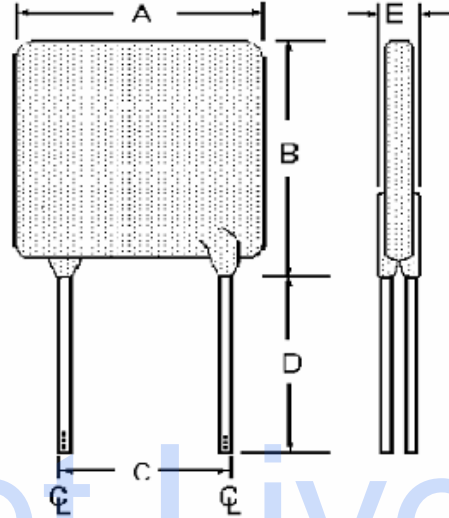


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	11.4	--	16.5	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.45)	--	(0.65)	(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	NOMINAL TRIPPED POWER DISSIPATION
	AMPS AT 20°C HOLD	AMPS AT 20°C TRIP		OHMS AT 20.0° C MIN	OHMS AT 20.0° C MAX		
3.00	3.00	6.00	10.8	0.02	0.05	0.08	2.0

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

UL, CSA, TUV
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

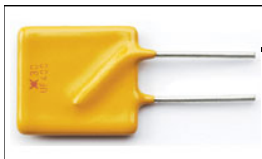




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RUEF300-AP Product Details



RUEF300-AP

TE Internal Number: E89684-000



Active

PolySwitch Resettable Devices



Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Radial Application
- Family Name = RUEF
- Radial Construction, Through Hole Construction
- IH (Room Temperature) = 3 Amps.
- IT (Room Temperature) = 6.00 Amps.

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Documentation & Additional Information

Product Drawings:

- [RUEF300](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- UL Recognized = File No. E74889
- CSA File No. = 78165C

Electrical Characteristics:

- [IH \(Room Temperature\) \(Amps.\)](#) = 3
- [IT \(Room Temperature\) \(Amps.\)](#) = 6.00
- [Vmax Operating \(V\)](#) = 30
- [Rmin \(?\)](#) = 0.02
- [Rmax \(?\)](#) = 0.050
- [R1 Max \[Post Trip\] \(?\)](#) = 0.08
- [UL Rated Current \(Amps.\)](#) = 40
- Tripped Power Dissipation (Typical) (W) = 2.00

Termination Related Features:

- Construction = Radial, Through Hole

Body Related Features:

- Lead Type = Straight

Contact Related Features:

- Family Name = RUEF

Configuration Related Features:

- Coating = Coated

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240C, Wave solder capable to 260C, Wave solder capable to 265C
- RoHS/ELV Compliance History = Always was RoHS compliant
- TUV Certificate No. = R2279286

Conditions for Usage:

- [Operating Temperature \(Max.\) \(C\)](#) = 85

Operation/Application:

- Application = Radial

Other:

- Brand = Raychem

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