

## Specification Status: Released

**Electrical Rating**

 Voltage: 6V<sub>DC</sub> MAX

Current: 40A MAX

**Insulating Material:**

 Cured Flame Retardant Epoxy Polymer  
 meets

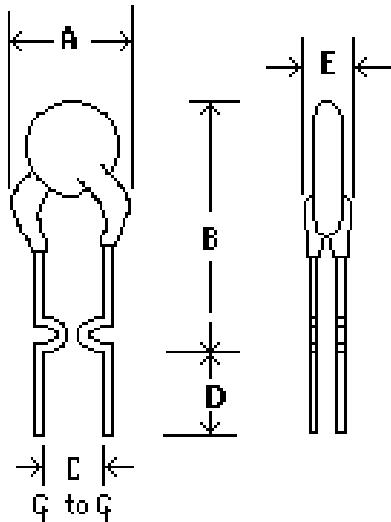
UL 94-V-O Requirements

**Lead Material:**

 24 AWG Tin Plated Nickel Copper  
 Alloy

**Marking:**

 and Part Identification  
**R75**

 — Lot Identification

**TABLE I. DIMENSIONS:**

mm: in*	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm: in*	--	6.9	--	11.4	4.3	5.9	7.6	--	--	3.1
in*	--	(0.27)	--	(0.45)	(0.17)	(0.23)	(0.30)	--	--	(0.12)

**TABLE II. PERFORMANCE RATINGS:**

I HOLD RATED CURRENT	CURRENT RATINGS		INITIAL RESISTANCE VALUES			ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	MAXIMUM TIME TO TRIP @ 8A	TRIPPED -STATE POWER DISSIPAT ION
AMPERS AT 20°C HOLD	AMPERES AT 20°C HOLD	AMPERES AT 20°C TRIP	OHMS AT 20°C MIN	OHMS AT 20°C TYP	OHMS AT 20°C MAX	OHMS AT 20°C MAX	SECONDS AT 20°C	WATTS AT 20°C
0.75	0.75	1.3	0.11	0.14	0.175	0.23	0.4	0.3

Agency Recognition: 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

ELV Compliant

Pb-Free

Halogen Free\*




 \* Halogen Free refers to:  $r \leq 900 \text{ ppm}$ ,  $Cl \leq 900 \text{ ppm}$ ,  $Br + Cl \leq 1500 \text{ ppm}$ .



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

**PRODUCT: RUSBF075**

DOCUMENT: SCD25241

REV LETTER: F

REV DATE: JULY 26, 2016

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