

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RUSBF075

DOCUMENT: SCD25241

REV LETTER: F

REV DATE: JULY 26, 2016

PAGE NO.: 1 OF 2

Specification Status: Released

Electrical Rating
Voltage: 6V_{DC} MAX
Current: 40A MAX
Insulating Material:

Cured Flame Retardant Epoxy Polymer

meets

UL 94-V-O Requirements

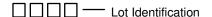
Lead Material:

24 AWG Tin Plated Nickel Copper

Alloy Marking:

Manufacturer's Mark

R75 and Part Identification



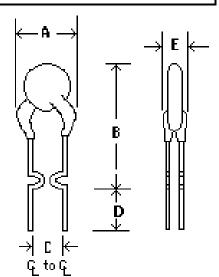


TABLE I. DIMENSIONS:

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		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	AMPERES		OHMS			OHMS	SECONDS	WATTS
AT 20°C	AT 20°C		AT 20°C			AT 20°C	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	TYP	MAX	MAX		
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

Pb-Free

Halogen Free*

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant





^{*} Halogen Free refers to: r≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.



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