

# RUSB075 Datasheet

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DiGi Electronics Part Number	RUSB075-DG
Manufacturer	<a href="#">Littelfuse Inc.</a>
Manufacturer Product Number	RUSB075
Description	PTC RESET FUSE 6V 750MA RADIAL
Detailed Description	Polymeric PTC Resettable Fuse 6V 750 mA Ih Through Hole Radial, Disc

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## Purchase and inquiry

Manufacturer Product Number:

RUSB075

Series:

PolySwitch®

Type:

Polymeric

Current - Hold (Ih) (Max):

750 mA

Current - Max:

40 A

Resistance - Initial (Ri) (Min):

110 mOhms

Operating Temperature:

-

Mounting Type:

Through Hole

Size / Dimension:

0.272" L x 0.118" W (6.90mm x 3.00mm)

Thickness (Max):

-

Approval Agency:

CSA, TUV, UR

Manufacturer:

Littelfuse Inc.

Product Status:

Obsolete

Voltage - Max:

6V

Current - Trip (It):

1.3 A

Time to Trip:

400 ms

Resistance - Post Trip (R1) (Max):

230 mOhms

Ratings:

-

Package / Case:

Radial, Disc

Height - Seated (Max):

0.449" (11.40mm)

Lead Spacing:

0.201" (5.10mm)

## Environmental & Export classification

RoHS Status:

RoHS non-compliant

REACH Status:

REACH Unaffected

HTSUS:

8533.40.8070

Moisture Sensitivity Level (MSL):

Not Applicable

ECCN:

EAR99

**Tyco / Electronics**  
**Raychem Circuit Protection**  
 308 Constitution Drive  
 Menlo Park, CA 94025-1164  
 Phone: 800-227-4856  
 Fax: 800-227-4866

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

**PRODUCT: RUSB075**

DOCUMENT: SCD 23972  
 PCN: 110793  
 REV LETTER: E  
 REV DATE: FEBRUARY 3, 2003  
 PAGE NO.: 1 OF 1

**Specification Status: RELEASED**

**Electrical Rating**

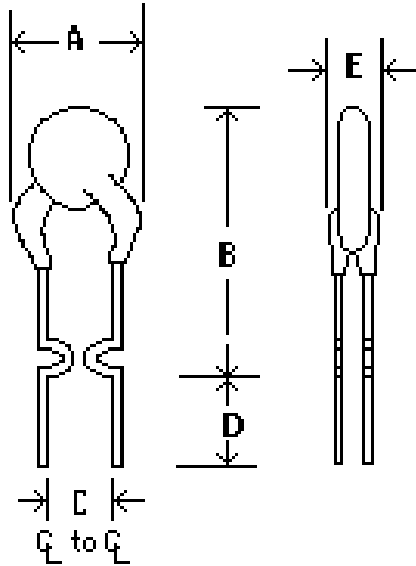
**Voltage: 6V<sub>DC</sub> MAX**  
**Current: 40A MAX**

Insulating Material:  
 Cured Flame Retardant Epoxy Polymer meets  
 UL 94-V-O Requirements

Lead Material:  
 24 AWG Tin Lead Plated Nickel Copper Alloy

**Marking:**

- ⊗ ——— Raychem
- R075 ——— 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:	--	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 DISSIPATION
AMPERS AT 20°C	AMPERS AT 20°C		OHMS AT 20°C		OHMS AT 20°C	SECONDS AT 20°C	WATTS AT 20°C
HOLD	HOLD	TRIP	MIN	TYP	MAX		
0.75	0.75	1.3	0.11	0.14	0.23	0.4	0.3

Agency Recognition: UL, CSA, TUV recognized.  
 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.

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