

# RUSB110 Datasheet



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DiGi Electronics Part Number	RUSB110-DG
Manufacturer	<a href="#">Littelfuse</a>
Manufacturer Product Number	RUSB110
Description	PTC RESET FUSE 16V 1.1A RADIAL
Detailed Description	Polymeric PTC Resettable Fuse 16V 1.1 A 1h Through Hole Radial, Disc

This model RUSB110 is available at DiGi Electronics.

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RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

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## Purchase and inquiry

Manufacturer Product Number:

RUSB110

Series:

PolySwitch®

Type:

Polymeric

Current - Hold (Ih) (Max):

1.1 A

Current - Max:

40 A

Resistance - Initial (Ri) (Min):

50 mOhms

Operating Temperature:

-

Mounting Type:

Through Hole

Size / Dimension:

0.291" L x 0.118" W (7.40mm x 3.00mm)

Thickness (Max):

-

Approval Agency:

CSA, TUV, UR

Manufacturer:

Littelfuse

Product Status:

Obsolete

Voltage - Max:

16V

Current - Trip (It):

2.2 A

Time to Trip:

2.3 s

Resistance - Post Trip (R1) (Max):

140 mOhms

Ratings:

-

Package / Case:

Radial, Disc

Height - Seated (Max):

0.559" (14.20mm)

Lead Spacing:

0.199" (5.05mm)

## Environmental & Export classification

RoHS Status:

RoHS non-compliant

REACH Status:

REACH Unaffected

HTSUS:

8533.40.8070

Moisture Sensitivity Level (MSL):

Not Applicable

ECCN:

EAR99



308 Constitution Drive  
Menlo Park, CA 94025-1164  
Phone: 800-227-4856  
www.circuitprotection.com

## PolySwitch® PTC Devices

Overcurrent Protection Device

Raychem Circuit Protection Products

PRODUCT: RUSB110

DOCUMENT: SCD 23854  
PCN: 523077  
REV LETTER: G  
REV DATE: AUGUST 16, 2007  
PAGE NO.: 1 OF 1

### Specification Status: RELEASED

#### Electrical Rating

Voltage: 16V<sub>DC</sub> MAX

Current: 40A MAX


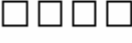
#### Insulating Material:

Cured, Flame Retardant Epoxy Polymer meets  
UL 94 V-O Requirements

#### Lead Material:

24 AWG Tin Lead Plated Copper Clad Steel

#### Marking:

 Manufacturer's Mark and Voltage  
 R 110 — Part Identification  
 Lot Identification (can be on back)

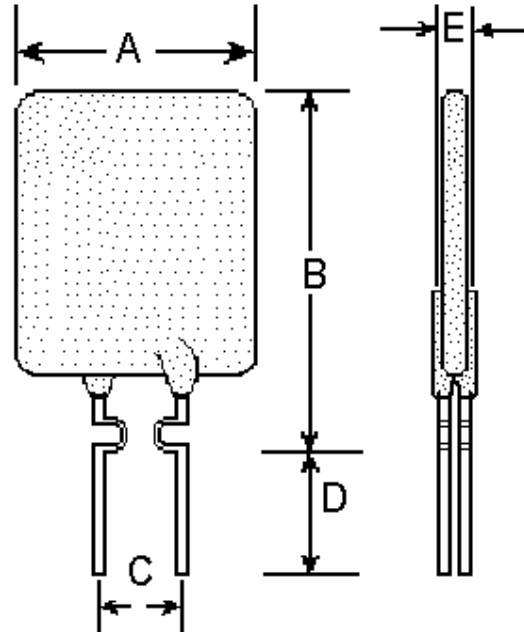


TABLE I. DIMENSIONS:

	A		B		C		D		E	
mm:	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
	--	7.4	--	14.2	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.29)	--	(0.56)	(0.17)	(0.23)	(0.30)	--	--	(0.12)

\*Rounded off approximation

TABLE II. PERFORMANCE RATINGS :

I HOLD RATED CURRENT	CURRENT RATINGS		INITIAL RESISTANCE VALUES		ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TIME TO TRIP @ 8A	TRIPPED-STATE POWER DISSIPATION
AMPERS AT 20°C HOLD	AMPERS AT 20°C HOLD   TRIP		OHMS AT 20°C MIN   TYP		OHMS AT 20°C MAX	SECONDS AT 20°C	WATTS AT 20°C
1.10	1.10	2.20	0.05	0.08	0.14	2.3	0.7

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

UL, CSA, TUV recognized.  
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.

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