

Additional Resources: Product Page

date 09/12/2024

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# MODEL: PJ-008A | DESCRIPTION: DC POWER JACK

### **FEATURES**

- 2.0 mm center pin
- 2.5 A rating
- right angle orientation
- panel mount





### **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.5	А
contact resistance	between terminal and mating plug between terminal in a closed circuit			100 30	mΩ
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-O				
RoHS	yes				

# **SOLDERABILITY**

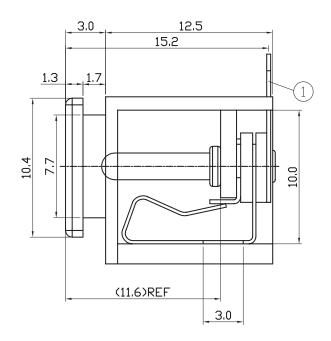
parameter	conditions/description	min	typ	max	units
hand soldering	for 3~4 seconds	340	350	360	°C

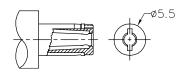
# **MECHANICAL DRAWING**

units: mm tolerance: X.X ±0.30 mm X.XX ±0.25 mm X.XXX ±0.20 mm unless otherwise specified

	3.5	2-2.5	4.1
12.5	\$2.00 mg/s		3.65
<u> </u>		6.3 8.6 9.1	3.8

DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	CuSn
terminal 1	brass	silver
terminal 2	65 Mn steel	CuSn
terminal 3	brass	CuSn
housing	PBT (UL94V-0)	black





MATING PLUG Jack Insertion Depth: 11.6 mm

SCHEMATIC	0 1 0 3 0 2 0 2 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	
Model	PJ-008A	
Center Pin	r Pin Ø2.0 mm	

### **REVISION HISTORY**

rev.	description	date	
1.0	initial release	04/17/2006	
1.01	increased voltage rating	04/28/2016	
1.02	brand update	10/29/2019	
1.03	updated housing mold	07/01/2020	
1.04	logo, datasheet style update	08/05/2022	
1.05	product reengineered for improved manufacturability and production yield, see PCN for details	05/30/2023	
1.06	CUI Devices rebranded to Same Sky	09/12/2024	

The revision history provided is for informational purposes only and is believed to be accurate.



Same Sky offers a one [1] year limited warranty. Complete warranty information is listed on our website.

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