# CUI DEVICES

## MODEL: PJ1-023 | DESCRIPTION: DC POWER JACK

#### **FEATURES**

- 0.65 mm center pin
- 1.0 A rating
- right angle orientation
- through hole
- shielded



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#### **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				1.0	А
contact resistance1	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

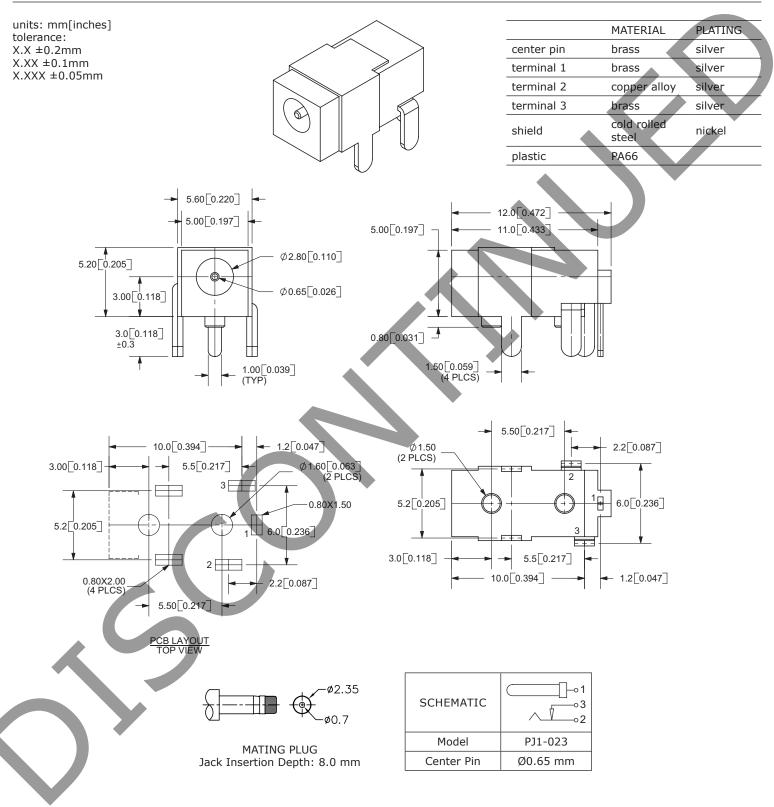
Note: 1. When measured at a current of less than 100 mA/1 kHz

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### SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 $\pm 0.5$ seconds	255	260	265	°C

#### **MECHANICAL DRAWING**



Note: 1. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

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#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	04/17/2006
1.01	increased voltage rating	04/28/2016
1.02	brand update	10/21/2019

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



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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