

date 04/28/2016

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MODEL: PJ1-023 | DESCRIPTION: DC POWER JACK

FEATURES

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





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				1.0	А
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit			50 30	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	2011/65/EU				

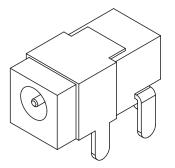
Note: 1. When measured at a current of less than 100 mA/1 kHz

SOLDERABILITY

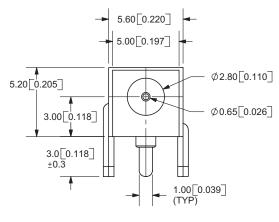
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ± 0.5 seconds	255	260	265	°C

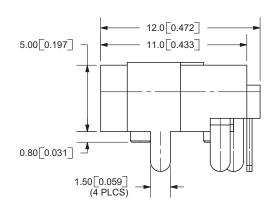
MECHANICAL DRAWING

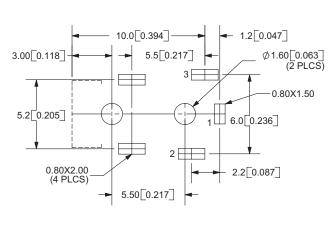
units: mm[inches] tolerance: $X.X \pm 0.2mm$ $X.XX \pm 0.1mm$ $X.XXX \pm 0.05mm$

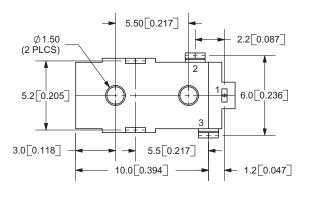


	MATERIAL	PLATING
center pin	brass	silver
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	brass	silver
shield	cold rolled steel	nickel
plastic	PA66	

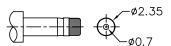








PCB LAYOUT TOP VIEW



MATING PLUG Jack Insertion Depth: 8.0 mm

SCHEMATIC	
Model	PJ1-023
Center Pin	Ø0.65 mm

CUI Inc | MODEL: PJ1-023 | DESCRIPTION: DC POWER JACK

REVISION HISTORY

rev.	description	date
1.0	initial release	04/17/2006
1.01	increased voltage rating	04/28/2016

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



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

CUI reserves the right to make changes to the product at any time without notice. Information provided by CUI is believed to be accurate and reliable. However, no responsibility is assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use.