

date 03/21/2017

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MODEL: PR-002B | DESCRIPTION: DC POWER JACK

FEATURES

- 2.35 mm center pin
- 4.0 A rating
- cable mount





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				4.0	А
contact resistance	between terminal and mating plug			30	mΩ
insulation resistance	at 500 Vdc	100			ΜΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.4		2	kg
operating temperature		-10		50	°C
life			5,000		cycles
flammability rating	UL94V-2 for body only				
RoHS	2011/65/EU				

SOLDERABILITY

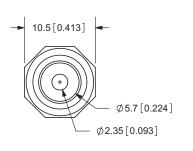
parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 2 seconds		360		°C

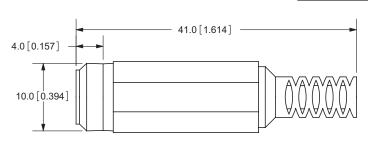
MECHANICAL DRAWING

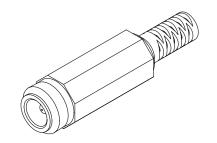
units: mm[inches] tolerance: ±0.3 mm

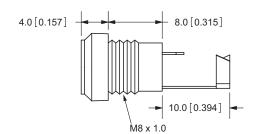
	MATERIAL	PLATING
center pin	PBS	nickel
terminal 1	BSR	nickel
terminal 2	BSR	nickel
сар	PE	
body	PA	

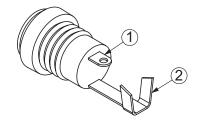
Ø4.0 [0.157]

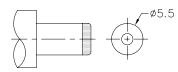












MATING PLUG Jack Insertion Depth: 9.3 mm

SCHEMATIC	<u></u> -∘1
Model	PR-002B
Center Pin	Ø2.35 mm

CUI Inc | MODEL: PR-002B | DESCRIPTION: DC POWER JACK

REVISION HISTORY

rev.	description	date
1.0	initial release	11/11/2005
1.01	updated rating	03/06/2007
1.02	added contact resistance	08/20/2010
1.03	added pin designations	09/15/2010
1.04	applied new spec template	11/01/2013
1.05	updated datasheet	03/21/2017

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.