

**CUI INC[®]****date** 10/25/2017**page** 1 of 3**MODEL:** PR-002A | **DESCRIPTION:** DC POWER JACK

FEATURES

- 2.0 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	A
contact resistance	between terminal and mating plug			30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
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				

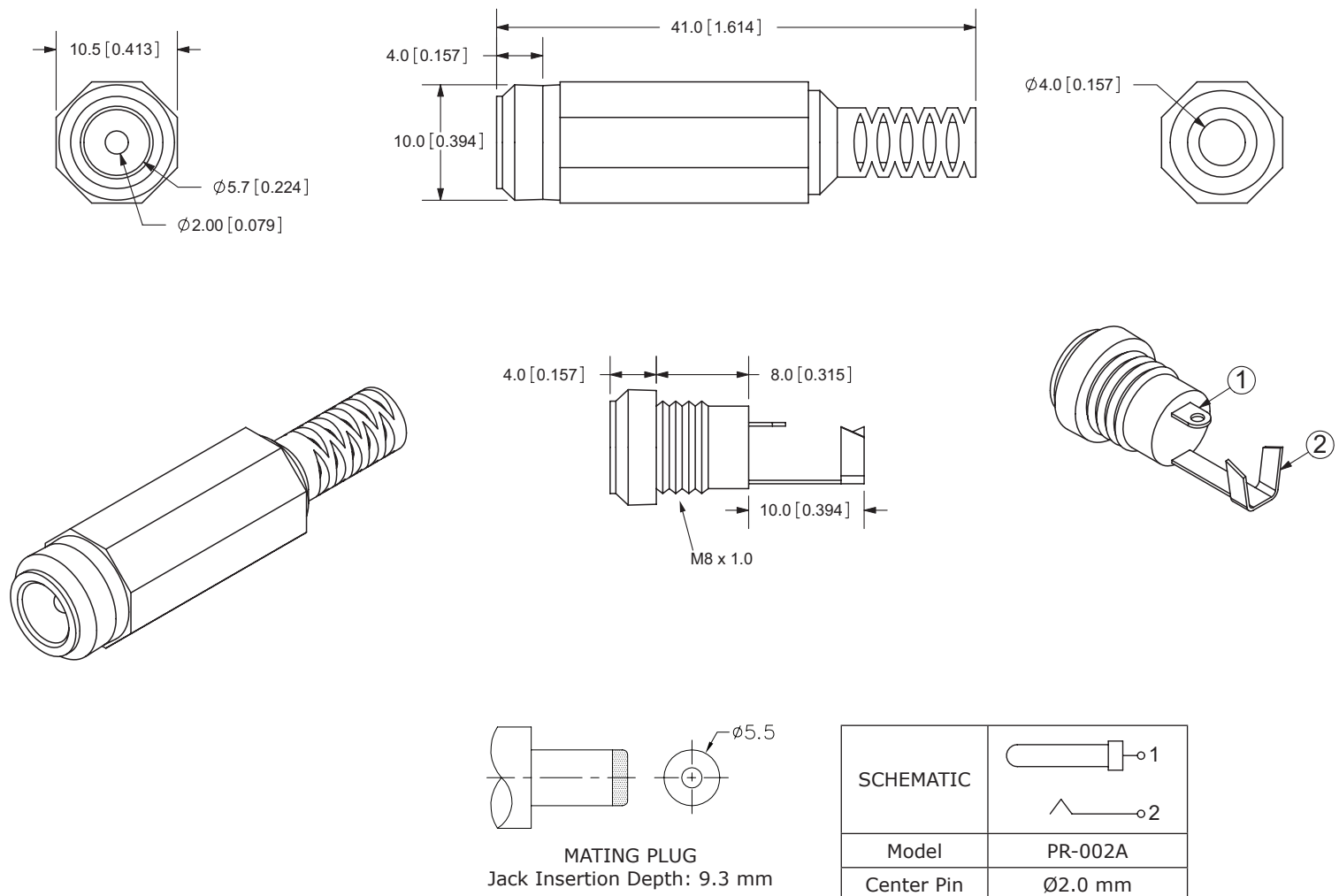
SOLDERABILITY

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
cap	PE	
body	PA	



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	09/10/2010
1.04	updated datasheet	10/25/2017

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.

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