

**date** 03/23/2012

page 1 of 3

# MODEL: PJ-082BH | DESCRIPTION: DC POWER JACK

#### **FEATURES**

- 10 A current rating
- shielded
- · no internal switch





## **SPECIFICATIONS**

OI EOII IOAIIOIIO					
parameter	conditions/description	min	typ	max	units
rated input voltage			20		Vdc
rated input current				10	А
contact resistance <sup>1</sup>	between terminal and mating plug between terminal in a closed circuit			50 30	$m\Omega$
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawl force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles

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

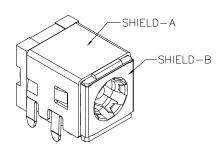
## **SOLDERABILITY**

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

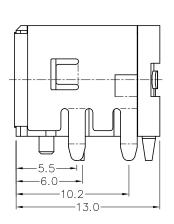
## **MECHANICAL DRAWING**

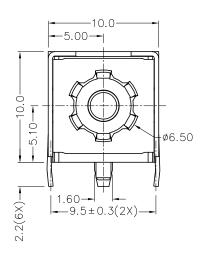
units: mm

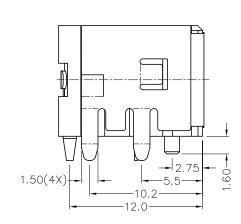
TOLERANCE:  $X.X \pm 0.2mm$  $X.XX \pm 0.1mm$  $X.XXX \pm 0.05mm$ 

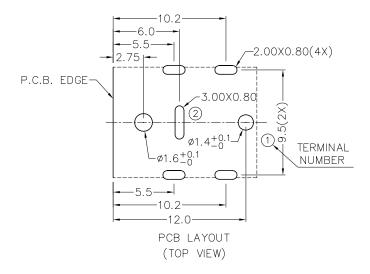


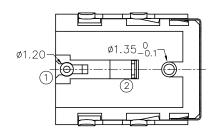
	MATERIAL	PLATING
terminal 1	brass	silver
terminal 2	copper alloy	silver
stopper	c.r. steel	nickel
shield A	c.r. steel	nickel
shield B	stainless steel	
plastic	PA6T	

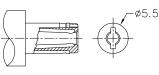




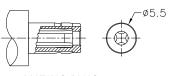








MATING PLUG Rating: 20 Vdc, 7 A



MATING PLUG Rating: 20 Vdc, 10 A

Schematic	C
Model	Center Pin
PJ-082BH	ø2.5 mm

Jack Insertion Depth: 8.23mm

CUI Inc | MODEL: PJ-082BH | DESCRIPTION: DC POWER JACK date 03/23/2012 | page 3 of 3

### **REVISION HISTORY**

rev.	description	date
1.0	initial release	03/23/2012

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



**Headquarters** 20050 SW 112th Ave. Tualatin, OR 97062 **800.275.4899** 

Fax 503.612.2383 **cui**.com techsupport@cui.com

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.