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

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



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			20		Vdc
rated input current				10	A
contact resistance[1]	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/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

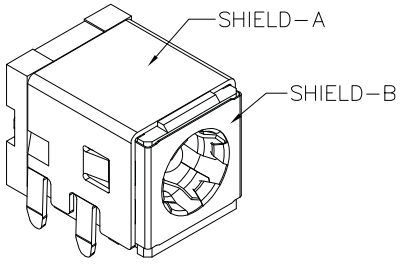
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds at	255	260	265	°C

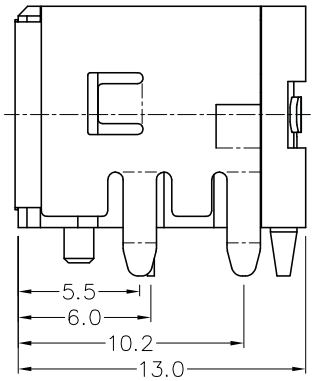
MECHANICAL DRAWING

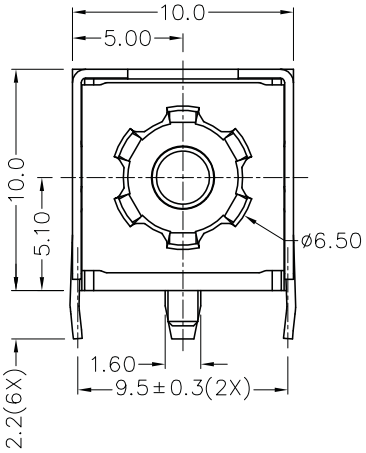
units: mm

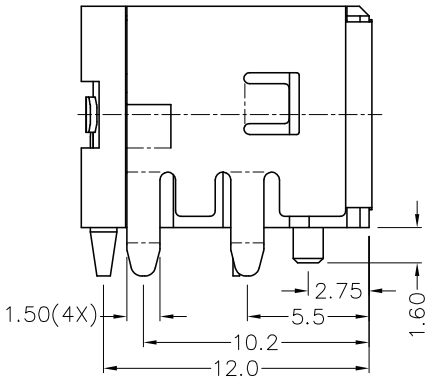
TOLERANCE:
X.X ±0.2mm
X.XX ±0.1mm
X.XXX ±0.05mm

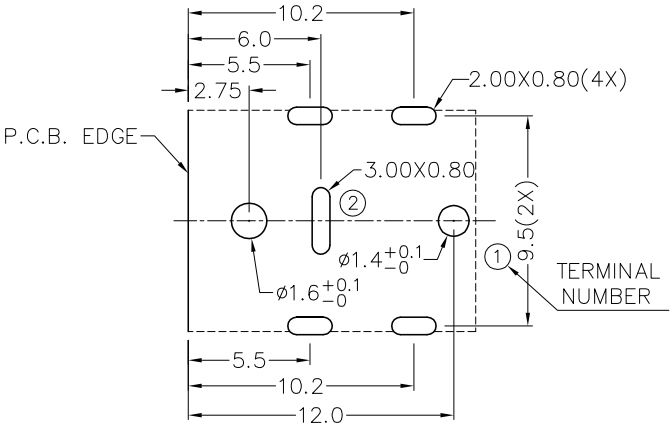
	MATERIAL	PLATING
terminal 1	brass	silver
terminal 2	copper alloy	silver
stopper	c.r. steel	nickel
shield A	c.r. steel	nickel
shield B	stainless steel	
plastic	PA6T	



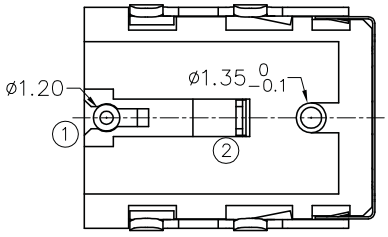


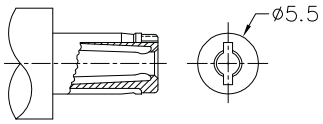




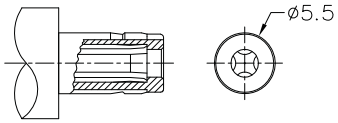


PCB LAYOUT
(TOP VIEW)

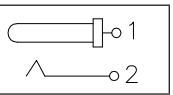




MATING PLUG
Rating: 20 Vdc, 7 A



MATING PLUG
Rating: 20 Vdc, 10 A

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

Jack Insertion Depth: 8.23mm

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.

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

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