MODEL: PJ-048H | **DESCRIPTION:** DC POWER JACK

FEATURES
- 3.0 mm center pin
- 5.0 A rating
- right angle orientation
- through hole
- kinked pins



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			16		Vdc
rated input current				5	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/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

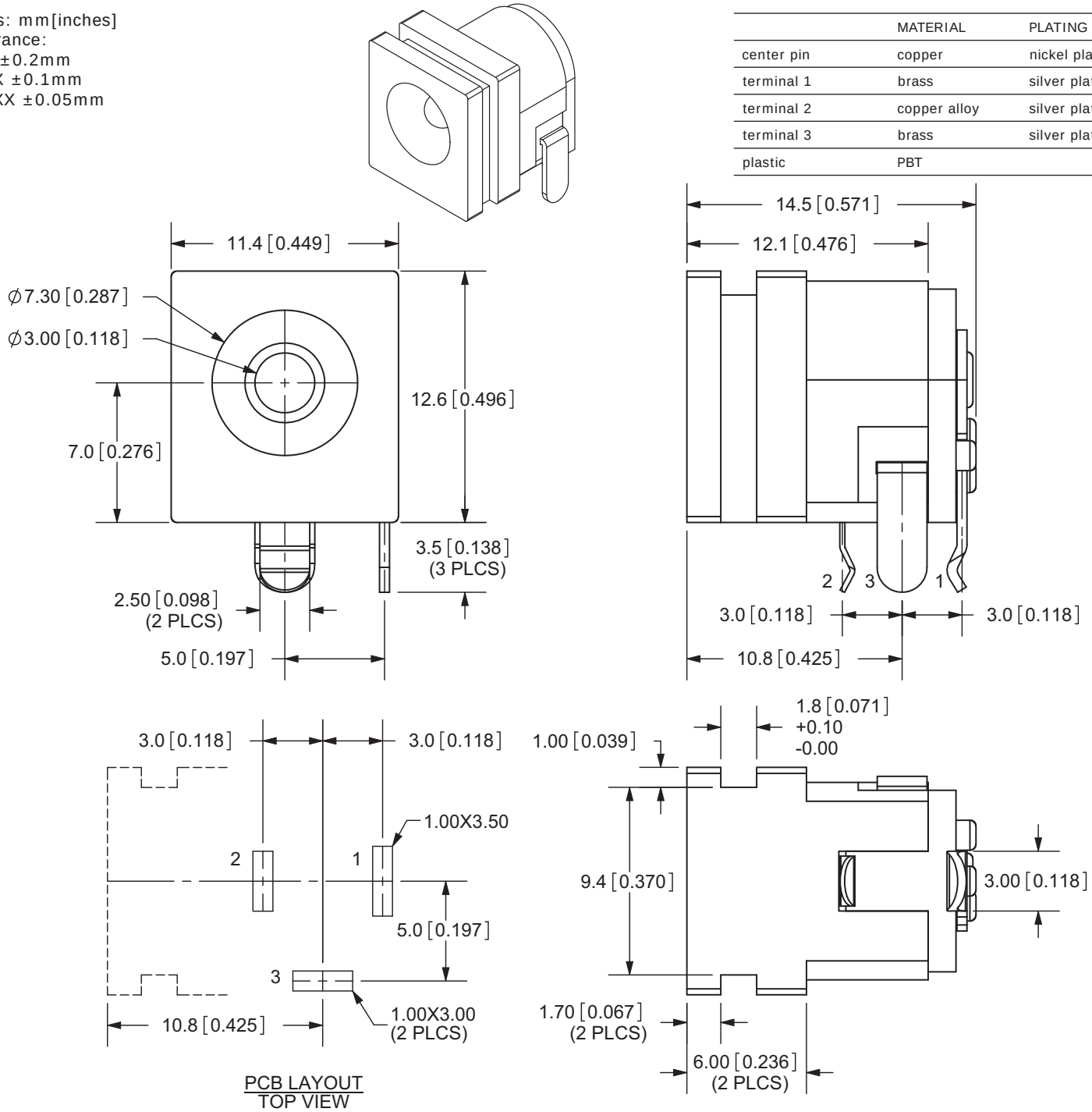
SOLDERABILITY

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

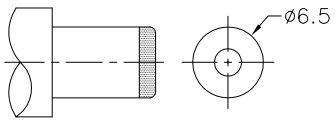
MECHANICAL DRAWING

units: mm[inches]
tolerance:
X.X ±0.2mm
X.XX ±0.1mm
X.XXX ±0.05mm

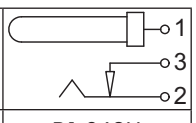
	MATERIAL	PLATING
center pin	copper	nickel plated
terminal 1	brass	silver plated
terminal 2	copper alloy	silver plated
terminal 3	brass	silver plated
plastic	PBT	



PCB LAYOUT
TOP VIEW



MATING PLUG
Jack Insertion Depth: 9.1 mm

SCHEMATIC	
Model	PJ-048H
Center Pin	Ø3.0 mm

Note: 1. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

REVISION HISTORY

rev.	description	date
1.0	initial release	07/30/2007
1.01	applied new spec template	09/12/2013

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

CUI INC®

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

Fax 503.612.2383
cui.com
techsupport@cui.com

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