CUI INC®

MODEL: PJ-029CH │ **DESCRIPTION:** DC POWER JACK

FEATURES

- 1.0 mm center pin
- 3.5 A rating
- right angle orientation
- through hole mount
- open frame

RoHS

SPECIFICATIONS

| parameter	conditions/description	min	typ	max	units
rated input voltage			16		Vdc
rated input current				3.5	A
contact resistance[1]	between terminal and mating plug			50	mΩ
	between terminal in a closed circuit			30	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				

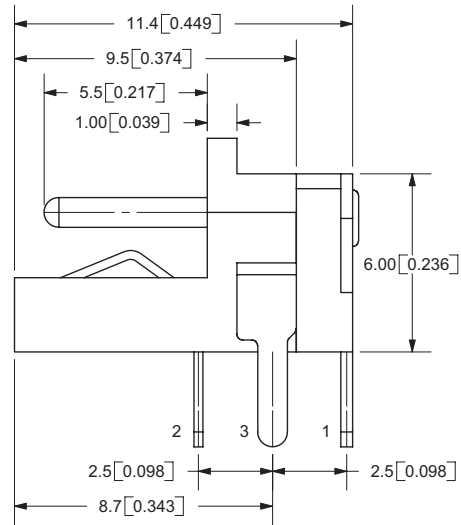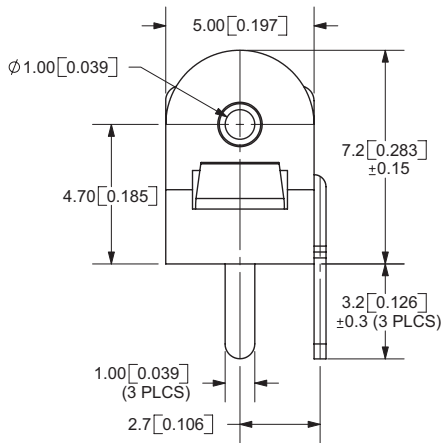Note: 1. When measured at a current of less than 100 mA/1 kHz

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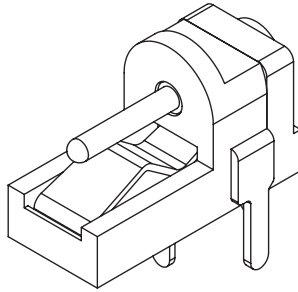
	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	brass	silver
plastic	PBT	

5.00[0.197]
Ø1.00[0.039]
7.2[0.283] ±0.15
4.70[0.185]
3.2[0.126] ±0.3 (3 PLCS)
1.00[0.039] (3 PLCS)
2.7[0.106]

11.4[0.449]
9.5[0.374]
5.5[0.217]
1.00[0.039]
6.00[0.236]
2 3 1
2.5[0.098]
8.7[0.343]
2.5[0.098]

2.5[0.098]   2.5[0.098]
0.80X1.50 (3 PLCS)
2   1
2.7[0.106]
3
8.7[0.343]

PCB LAYOUT
TOP VIEW

Ø3.4/Ø3.8
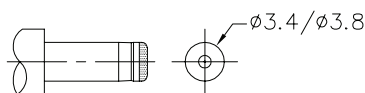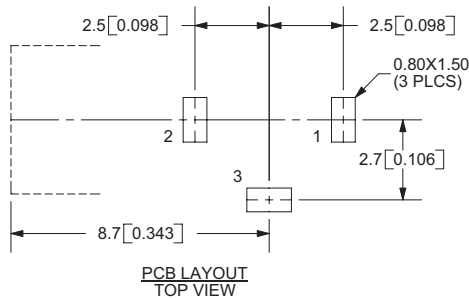
MATING PLUG
Jack Insertion Depth: 6.5 mm

SCHEMATIC	
	1 / 3 / 2
Model	PJ-029CH
Center Pin	Ø1.0 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	06/30/2015

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