


MODEL: PJ-202AH | **DESCRIPTION:** DC POWER JACK

FEATURES

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



SPECIFICATIONS

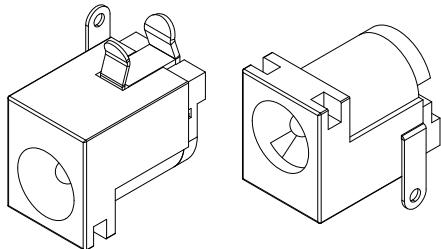
parameter	conditions/description	min	typ	max	units
rated input voltage		24			Vdc
rated input current			5.0		A
contact resistance			30		mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute		500		Vac
insertion/withdrawal force		0.3	3		kg
terminal strength	any direction for 10 seconds		500		g
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

SOLDERABILITY

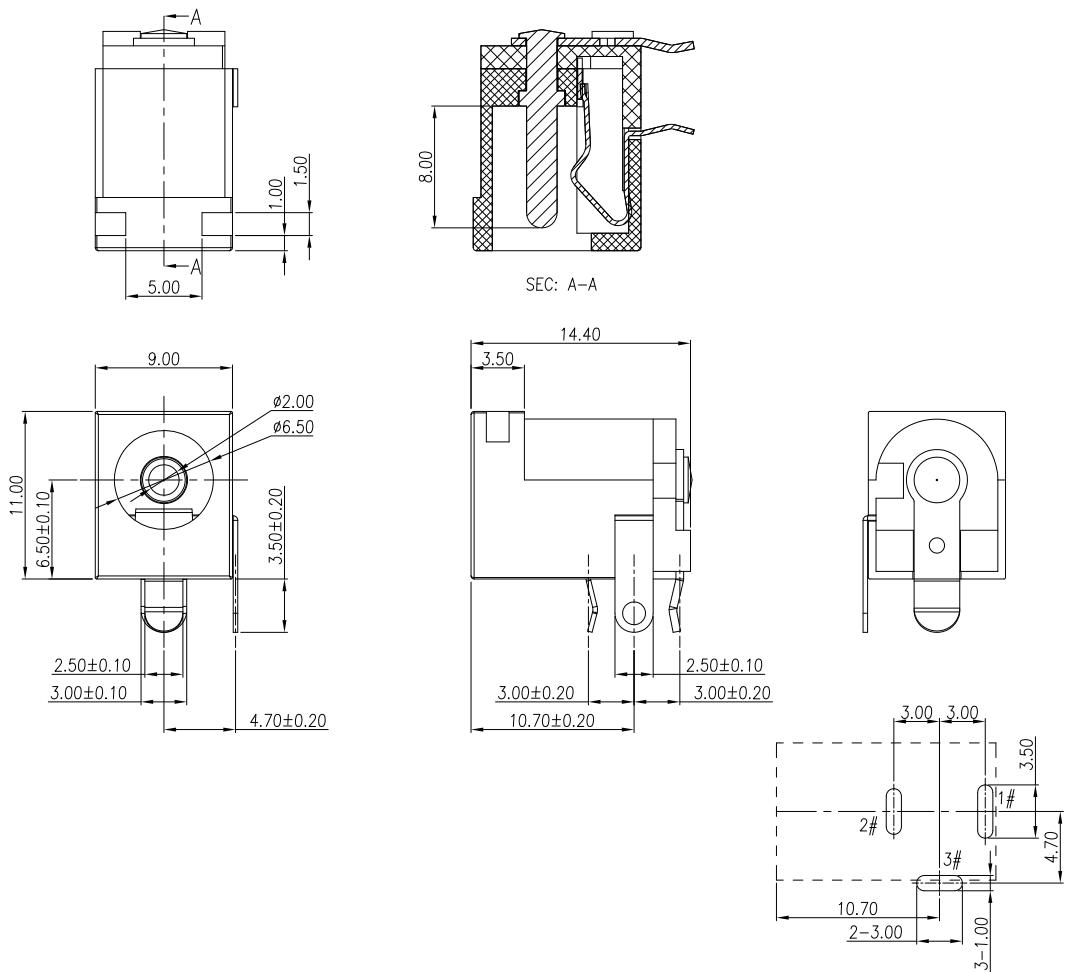
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

MECHANICAL DRAWING

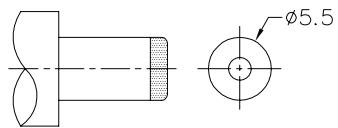
units: mm
 tolerance:
 $X \pm 0.50$ mm
 $X.X \pm 0.30$ mm
 $X.XX \pm 0.20$ mm
 PCB: ± 0.05 mm
 unless otherwise specified



DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	copper	nickel
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	brass	silver
housing	PBT [UL94V-0]	black
cover	PBT [UL94V-0]	black



Recommended PCB Layout
Top View



MATING PLUG
Jack Insertion Depth: 9.0 mm

SCHEMATIC	
Model	PJ-202AH
Center Pin	Ø2.0 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	11/17/2005
1.01	applied new spec template	01/08/2015
1.02	updated datasheet	05/12/2016
1.03	brand update	10/30/2019
1.04	CUI Devices rebranded to Same Sky	09/12/2024
1.05	updated datasheet	07/24/2025

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



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

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