CUI Devices is now Same Sky! Learn More

MODEL: PJ-202B | DESCRIPTION: DC POWER JACK

FEATURES

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



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.5	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	yes				

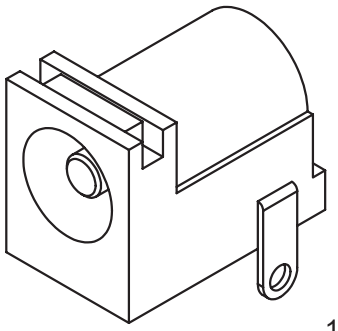
Note: 1. When measured at a current of less than 100 mA/1 kHz

SOLDERABILITY

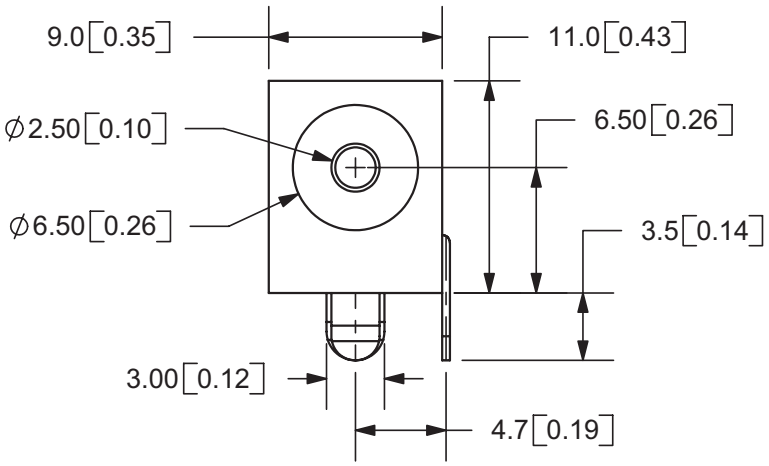
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

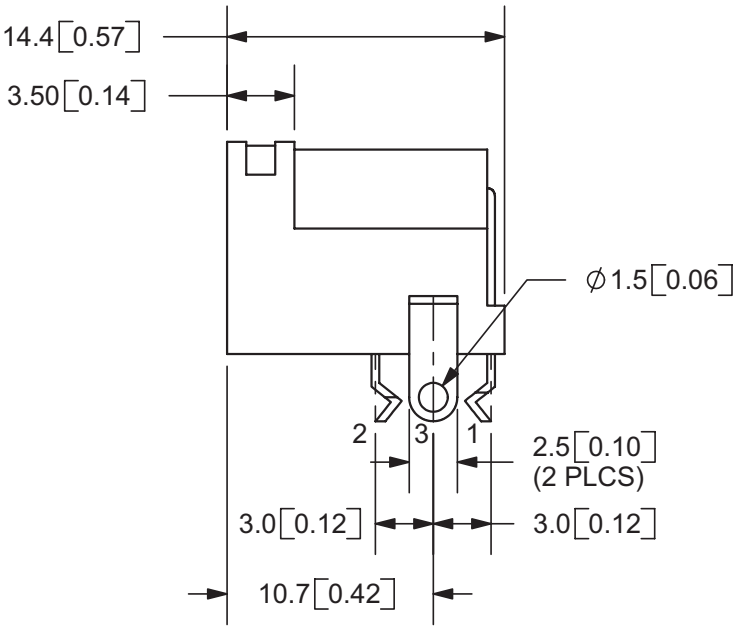
MECHANICAL DRAWING

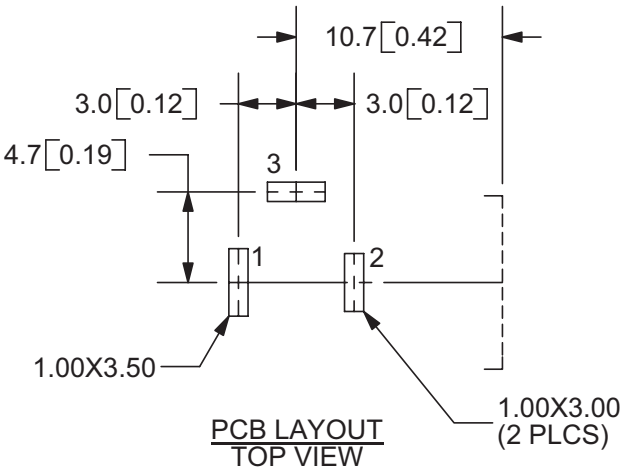
units: mm[inches]
tolerance:
X.X ±0.2mm
X.XX ±0.1mm
X.XXX ±0.05mm



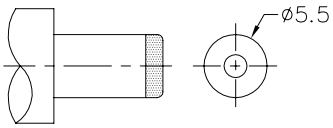
	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	tin
terminal 2	copper alloy	tin
terminal 3	brass	tin
plastic	PBT	



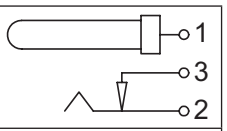




PCB LAYOUT
TOP VIEW



MATING PLUG
Jack Insertion Depth: 9.0 mm

SCHEMATIC	
Model	PJ-202B
Center Pin	Ø2.5 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	11/17/2005
1.01	applied new spec template	10/25/2013
1.02	increased voltage rating	04/21/2016
1.03	logo, datasheet style update	10/27/2022
1.04	CUI Devices rebranded to Same Sky	09/12/2024

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

same sky

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

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

sameskydevices.com

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Same Sky:

CDM1222-12A-FW-F16-050-67 CFM-2507CF-0140-313 CFM-6015V-239-292-20 CMP-5247TF-K CFM-A238BF-270-651 CMA-4544PF-W CPI-1375IC-80T SJ-2523-SMT-TR SJ-43516-SMT-TR-PI SJ1-3535N CFM-2510B-0130-275 PJ-058AH UJ32-C-H-G-L1-MSMT-TR CMC-5042PF-AC CPM-2H PJ-202AH TB007-508-02BE TBP01R1-508-14BE CBT-09427-SMT-TR CMM-2718AT-42316-TR DS04-254-2-02BK-SMT HSE-B20350-NP TBL004V-508-02BE-2GY PJ-047BH PR4-5V-450-1A CPT-1117-83-SMT-TR DS01C-254-S-03BE PJ-067B CMI-9653S-SMT-TR TBP02P1-381-10BE