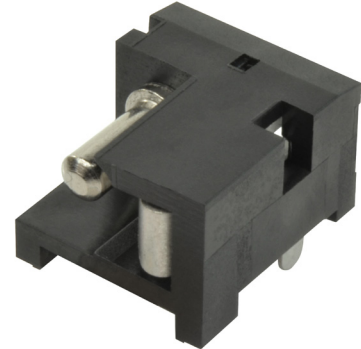


**MODEL:** PJ-003B | **DESCRIPTION:** DC POWER JACK

FEATURES

- 2.5 mm center pin
- 2.5 A rating
- right-angle orientation
- through hole
- open frame

**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			50	mΩ
	between terminal in a closed circuit			30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life	at a rate of 24 cycles/minute		5,000		cycles
flammability rating	UL94V-0				
RoHS	2011/65/EU				

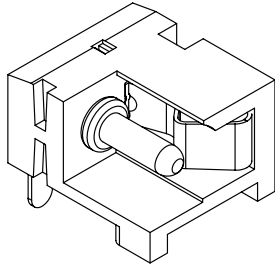
Note: 1. When measured at a current of less than 100 mA/1 kHz
2. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

SOLDERABILITY

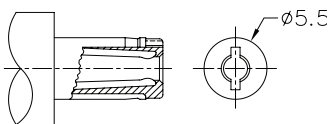
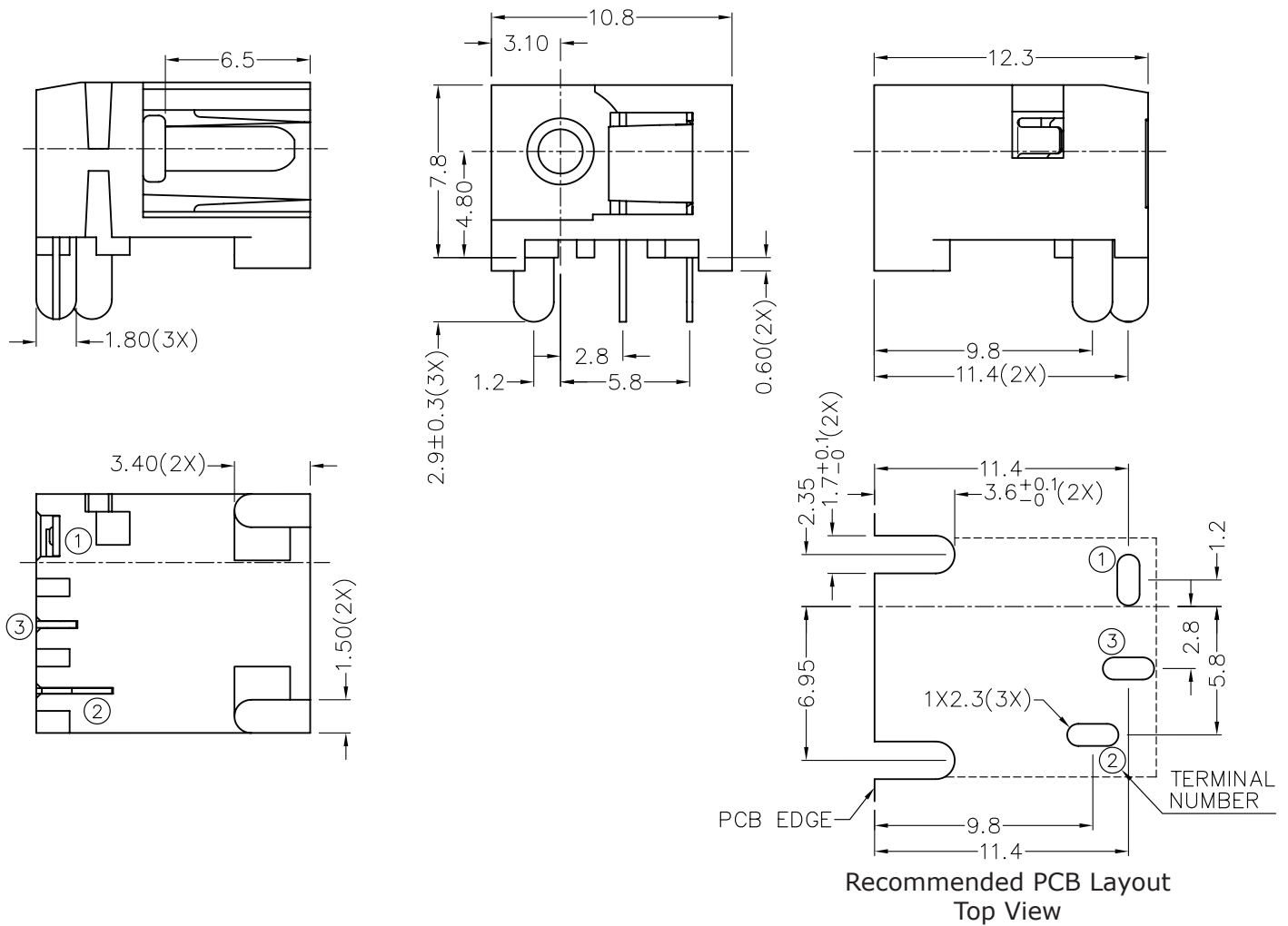
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

MECHANICAL DRAWING

units: mm
tolerance:
X.X ± 0.2 mm
X.XX ± 0.10 mm
X.XXX ± 0.050 mm
PCB: ± 0.05 mm



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



MATING PLUG
Jack Insertion Depth: 6.5 mm

SCHEMATIC	
Model	PJ-003B
Center Pin	Ø2.5 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	11/09/2005
1.01	updated model	04/13/2006
1.02	applied new spec template	11/04/2013
1.03	increased voltage rating	04/12/2016
1.04	changed mold design	02/28/2018

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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