Additional Resources: Product Page

CUDEVICES

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MODEL: PJ-081AH | DESCRIPTION: DC POWER JACK

FEATURES

- 2.0 mm center pin
- 5 A rating
- shielded
- through hole
- 1 switch





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5.0	А
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc between adjacent contacts	100			MΩ
voltage withstand	for 1 minute, 0.5 mA between adjacent contacts			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-D				
RoHS	yes				

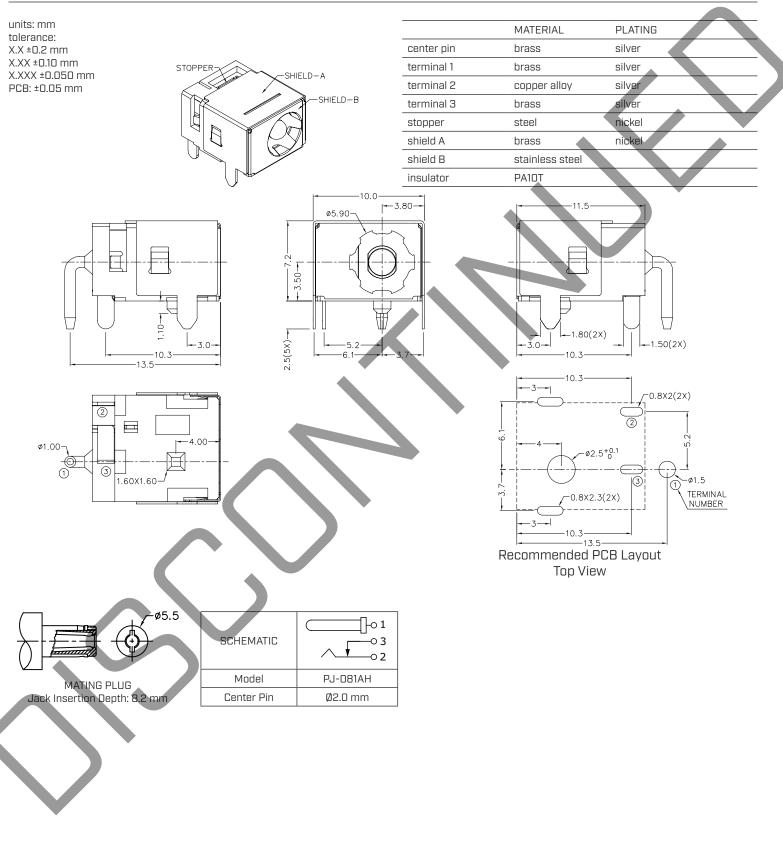
When measured at a current of less than 100 mA/1 kHz
All specifications measured at 10-35°C, humidity at 45-85%, under standard atmospheric pressure, unless otherwise noted.

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <80%			40	°C
eflow soldering ³	see reflow profile	255	260	265	°C
drying conditions ⁴	parts in reel: bake at 40°C ±5°C for 72 hours parts removed from reel: bake at 40°C ±5°C for 10 hours				
Note: 3. It is recommended to re 4. When exceeding floor li	flow solder within 72 hours from opening vacuum packaging at a temperature <30°C 6 re fe by >72 hours.	lative humidity <60%.			
		1380 430			
	60 120 180 240 300 Time (sec)	360 420	480		
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MECHANICAL DRAWING



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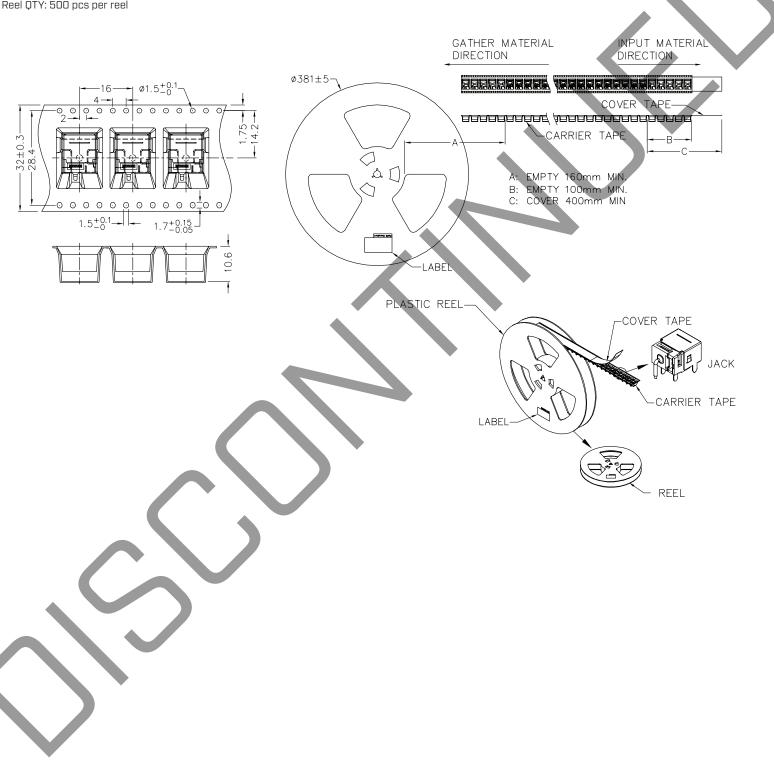
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PACKAGING

units: mm

Reel Size: Ø381 mm Reel QTY: 500 pcs per reel

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REVISION HISTORY

rev.	description	date	
1.0	initial release	12/12/2018	
1.01	brand update	10/30/2019	
1.02	logo, datasheet style update	08/05/2022	

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

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



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