

# MODEL: PJ-088CH | DESCRIPTION: DC POWER JACK

#### FEATURES

- 1 mm center pin
- 3.5 A rating
- shielded
- through hole
- 3 conductor





## **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				3.5	А
contact resistance <sup>1</sup>	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		З	kg
operating temperature		-25		85	°C
life	at a rate of 24 cycles/minute		5,000		cycles
flammability rating	UL94V-D				
RoHS	yes				
Note: 1. When measured at a curren	nt of less than 100 mA/1 kHz				_

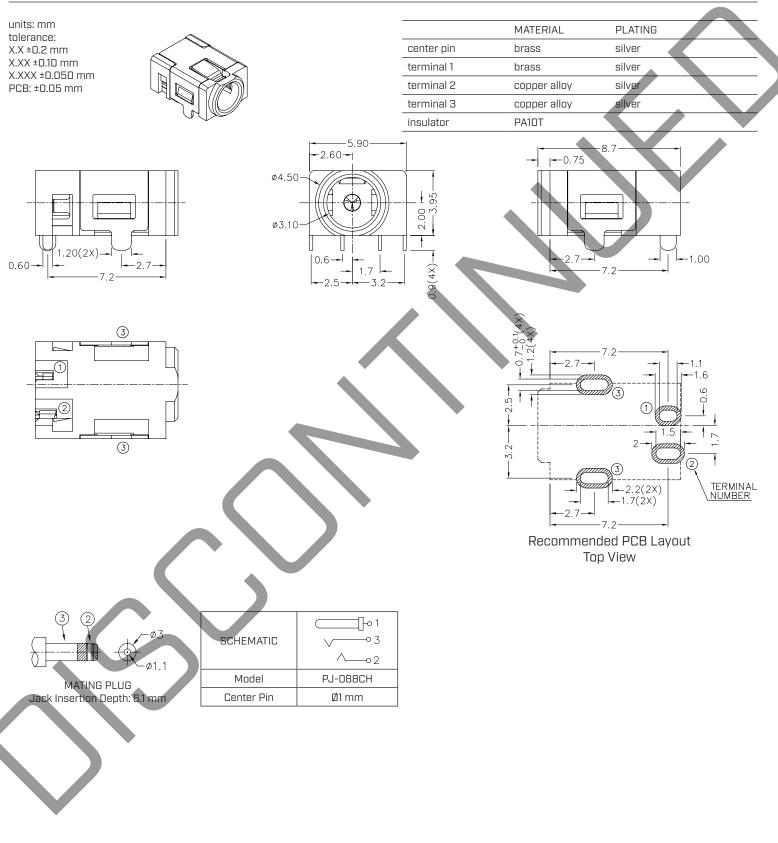
When measured at a current of less than 100 may king
All specifications measured at 10-35°C, humidity at 45-85%, under standard atmospheric pressure, unless otherwise noted.

#### SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <80%			40	°C
reflow soldering <sup>3</sup>	see reflow profile	255	260	265	°C
drying conditions <sup>4</sup>	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 ref 4. When exceeding floor lif		relative humidity <60%.			
$\sim > \sim$					
	Q 217				
$\mathbf{V}$					
	60 120 180 240 300 Time (sec)	360 420	480		
	cuidevices.com		•••••		

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#### **MECHANICAL DRAWING**



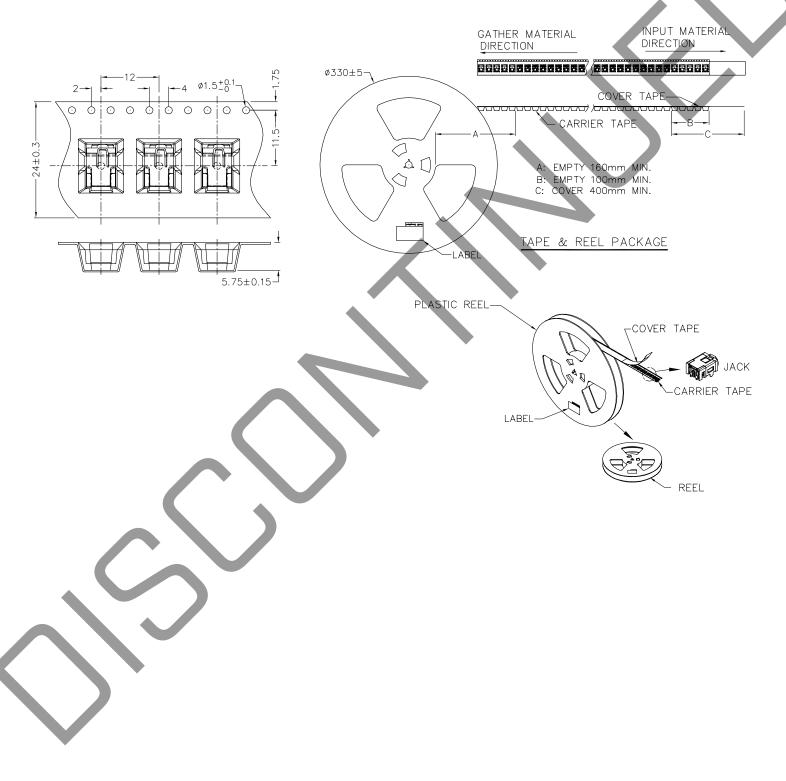
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### PACKAGING



Reel Size: Ø330 mm Reel QTY: 950 pcs per reel

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#### **REVISION HISTORY**

rev.	description	date	
1.0	initial release	12/14/2018	
1.01	brand update	10/23/2019	
1.02	logo, datasheet style update	08/05/2022	

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



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

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