

date 10/20/2022

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MODEL: PJ-063AH | DESCRIPTION: DC POWER JACK

FEATURES

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





SPECIFICATIONS

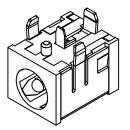
parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				8.0	Α
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand				500	Vac
insertion/withdrawal force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

SOLDERABILITY

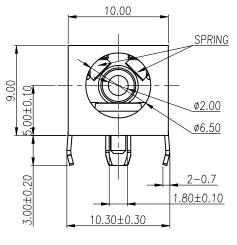
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

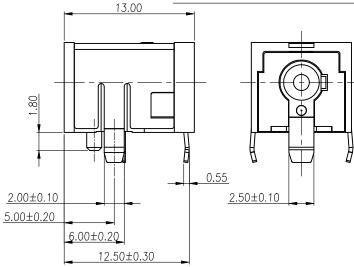
MECHANICAL DRAWING

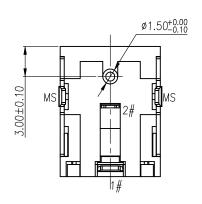
units: mm tolerance: X. ±0.50 mm X.X ±0.30 mm X.XX ±0.20 mm X.XXX ±0.10 mm PCB: ±0.05 mm

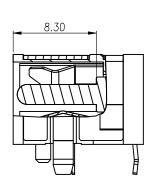


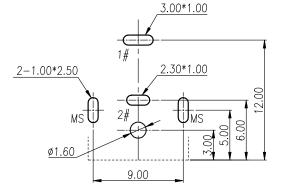
DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	copper	nickel
terminal 1	copper alloy t=0.40	silver
terminal 2	copper alloy t=0.25	silver
spring terminal	copper alloy t=0.25	silver
shield	brass	silver
cover	PBT (UL94V-0)	black
housing	PBT (UL94V-0)	black



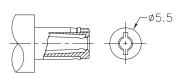








Recommended PCB Layout Top View



MATING PLUG Jack Insertion Depth: 8.30 mm

SCHEMATIC		
Model	PJ-063AH	
Center Pin	Ø2.0 mm	

Additional Resources: Product Page | 3D Model | PCB Footprint

CUI DEVICES | MODEL: PJ-063AH | DESCRIPTION: DC POWER JACK

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REVISION HISTORY

rev.	description	date	
1.0	initial release	07/23/2009	
1.01	applied new spec template	01/08/2015	
1.02	increased voltage rating	04/14/2016	
1.03	brand update	10/30/2019	
1.04	product reengineered for improved manufacturability and production yield, see PCN for details	10/20/2022	

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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