

date 08/05/2022

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# MODEL: PJ-079AH | 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 <sup>1</sup>	between terminal and mating plug between terminal in a closed circuit		-	50 30	mΩ
insulation resistance	at 500 Vdc between adjacent contacts	100			МΩ
voltage withstand	for 1 minute, 0.5 mA between adjacent contacts			500	Vac
nsertion/withdrawal force		0.3		3	kg
perating temperature		-25	-	85	°C
ife	at a rate of 24 cycles/minute		5,000		cycles
flammability rating	UL94V-Q				
RoHS	yes				

### **SOLDERABILITY**

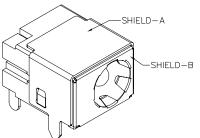
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C



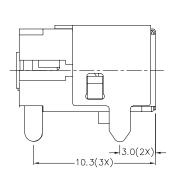
When measured at a current of less than 100 mA/1 kHz
All specifications measured at 10-35°C, humidity at 45-85%, under standard atmospheric pressure, unless otherwise noted.

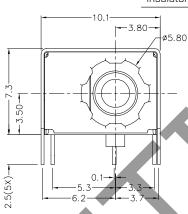
## **MECHANICAL DRAWING**

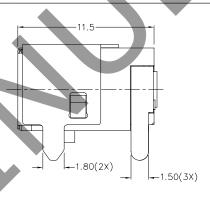
units: mm tolerance: X.X ±0.2 mm X.XX ±0.10 mm X.XXX ±0.050 mm PCB: ±0.05 mm

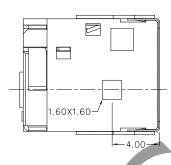


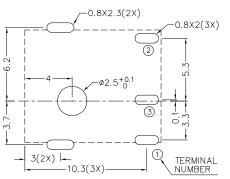
	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	brass	silver
shield A	brass	nickel
shield B	stainless steel	
insulator	PBT	











Recommended PCB Layout Top View



MATING PLUG Jack Insertion Depth: 9,25 mm

SCHEMATIC	01 03 02
Model	PJ-079AH
Center Pin	Ø2.0 mm

#### **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.





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