

**MODEL:** PJ-025 | **DESCRIPTION:** DC POWER JACK**FEATURES**

- EIAJ-5 center pin
- 3 A current rating
- kinked pins

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				3	A
contact resistance				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			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

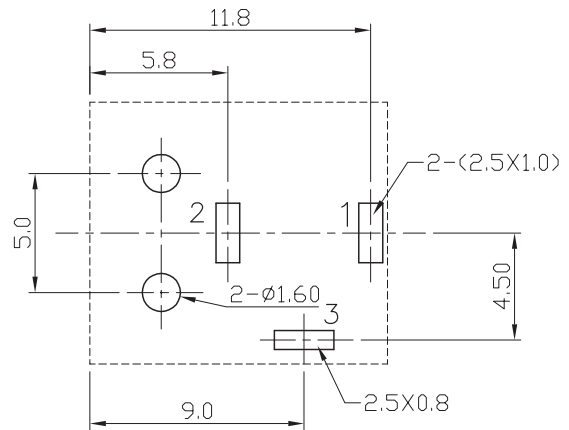
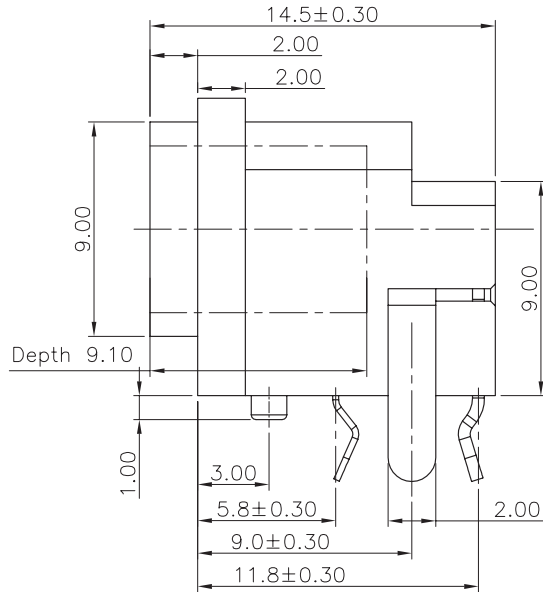
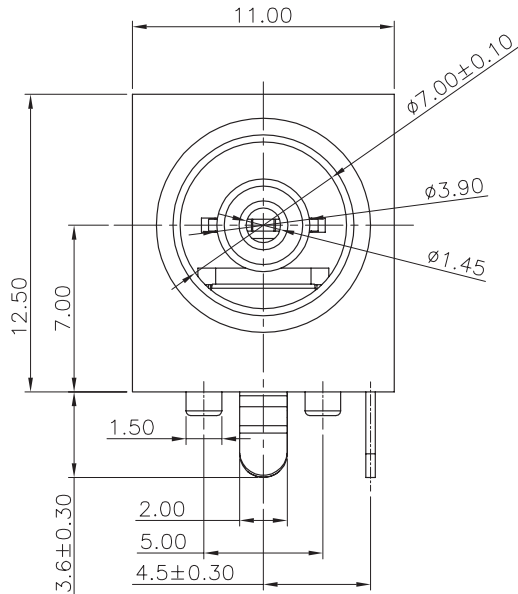
**SOLDERABILITY**

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

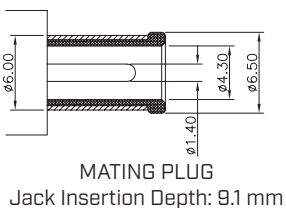
## MECHANICAL DRAWING

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
terminal 1	bronze t=0.50	silver
terminal 2	bronze t=0.25	silver
terminal 3	brass t=0.40	silver
insulator	PA66 (UL94V-0)	black



Recommended PCB Layout  
Top View



SCHEMATIC	
Model	PJ-025
Center Pin	EIAJ-5 [1.4mm]

## REVISION HISTORY

rev.	description	date
1.0	initial release	12/12/2005
1.01	applied new spec template	05/03/2016
1.02	brand update	11/06/2019
1.03	logo, datasheet style update	08/05/2022
1.04	product reengineered for improved manufacturability and production yield, see PCN for details	01/24/2023

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



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