

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	А
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 .				

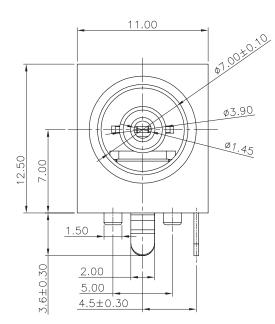
SOLDERABILITY

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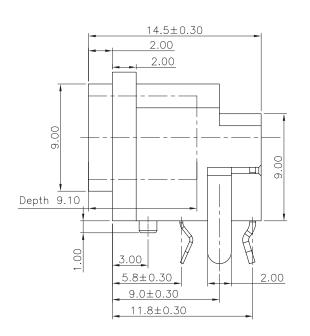
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

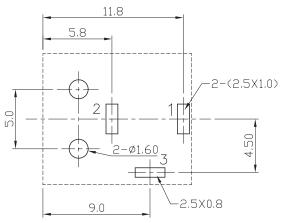
MECHANICAL DRAWING

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



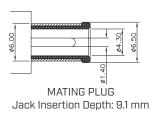
MATERIAL	PLATING/COLOR
bronze t=0.50	silver
bronze t=0.25	silver
brass t=0.40	silver
PA66 (UL94V-0)	black
	bronze t=0.50 bronze t=0.25 brass t=0.40





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Recommended PCB Layout Top View



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PJ-025
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.

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



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