


MODEL: PJ-040D | DESCRIPTION: DC POWER JACK
FEATURES

- 1.3 mm center pin
- 2.0 A rating
- right angle orientation
- through hole mount


SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage		24			Vdc
rated input current			2.0		A
contact resistance			50		mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute		500		Vac
insertion/withdrawal force		0.5	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				

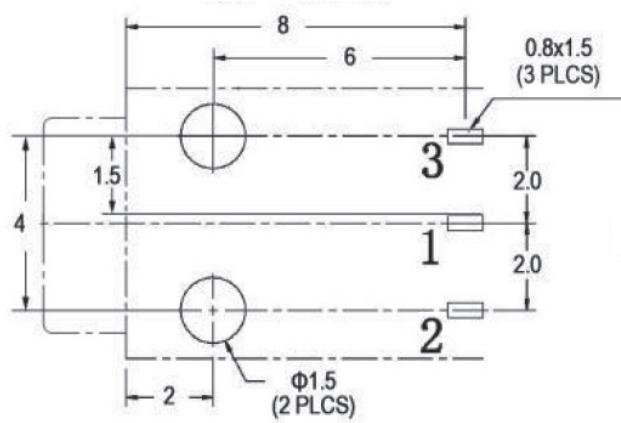
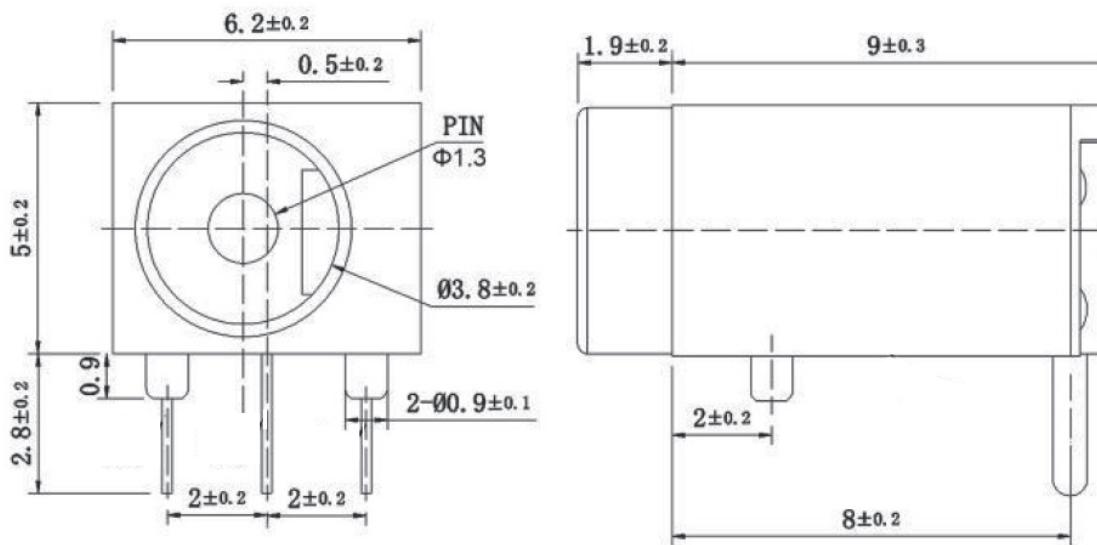
SOLDERABILITY

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

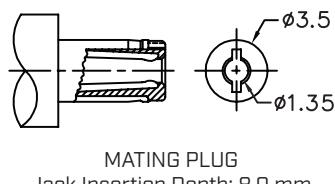
MECHANICAL DRAWING

units: mm
 tolerance:
 X. ± 0.15 mm
 X.X ± 0.10 mm
 X.XX ± 0.05 mm
 PCB: ± 0.05 mm
 unless otherwise specified

DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	silver
terminal 1	brass t=0.25	silver
terminal 2	brass t=0.25	silver
terminal 3	brass t=0.25	silver
housing	PBT [UL94V-0]	black



Recommended PCB Layout
 Top View



SCHEMATIC	
Model	PJ-040D
Center Pin	Ø1.3 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	07/30/2007
1.01	added pin dimension	06/11/2008
1.02	applied new spec template	07/13/2015
1.03	increased voltage rating	05/03/2016
1.04	changed terminal plating to silver	02/13/2019
1.05	brand update	10/23/2019
1.06	logo, datasheet style update	08/05/2022
1.07	product reengineered for improved manufacturability and production yield, see PCN for details	12/15/2022

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