

MODEL: PJ-048H | **DESCRIPTION:** DC POWER JACK

FEATURES

- 3.0 mm center pin
- 5.0 A rating
- right angle orientation
- through hole
- kinked pins

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage				24	Vdc
rated input current				5	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

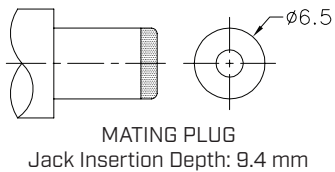
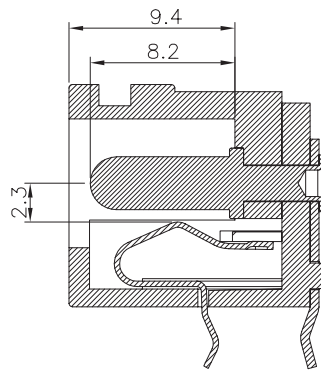
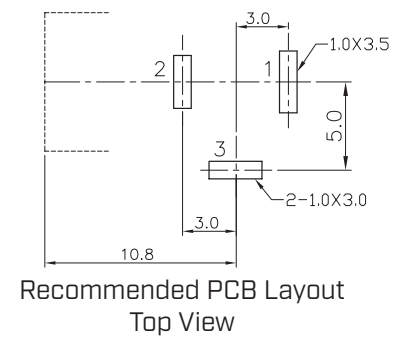
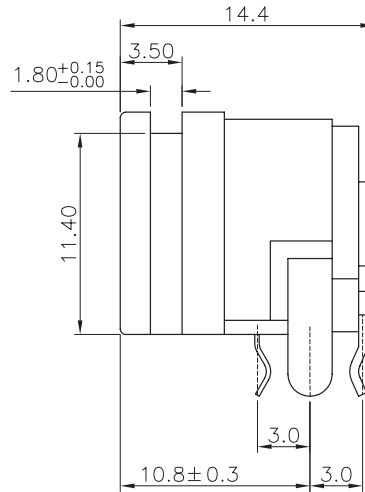
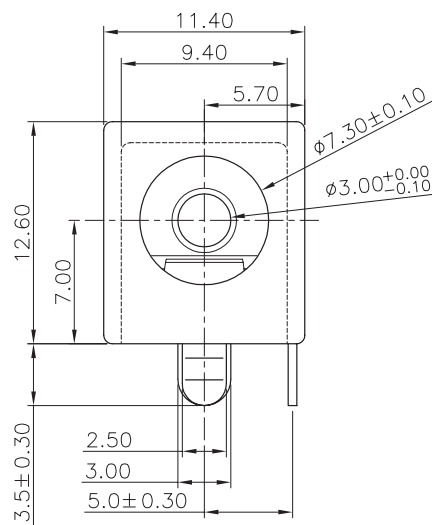
units: mm

tolerance:

X, ± 0.50 mmX.X ± 0.30 mmX.XX ± 0.20 mmX.XXX ± 0.10 mmPCB: ± 0.05 mm

unless otherwise specified

DESCRIPTION	MATERIAL	PLATING
center pin	brass	nickel
terminal 1	brass t=0.50	silver
terminal 2	bronze t=0.30	silver
terminal 3	brass t=0.50	silver
housing	PBT [UL94V-0]	black
cover	PBT [UL94V-0]	black



SCHEMATIC	
Model	PJ-048H
Center Pin	Ø3.0 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	07/30/2007
1.01	applied new spec template	09/12/2013
1.02	increased voltage rating	03/25/2016
1.03	brand update	11/06/2019
1.04	logo, datasheet style update	08/05/2022
1.05	product reengineered for improved manufacturability and production yield, see PCN for details	12/05/2022

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



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