

date 02/27/2023

page 1 of 3

MODEL: PJ-059A | DESCRIPTION: DC POWER JACK

FEATURES

- 2.0 mm center pin
- 2.5 A rating
- right-angle orientation
- through hole
- locking type
- tapered pins





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.5	А
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			МΩ
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	Ves				

SOLDERABILITY

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

PLATING/COLOR

nickel

tin

tin

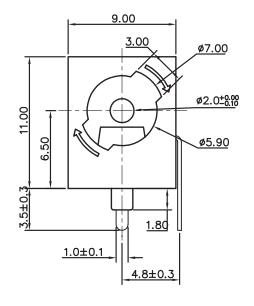
tin

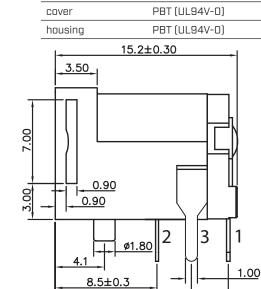
black

black

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





11.4±0.3

14.5±0.3

MATERIAL

brass t=0.30

bronze t=0.25

brass t=0.30

brass

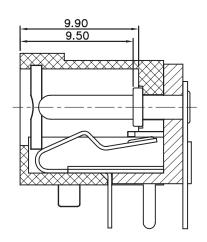
DESCRIPTION

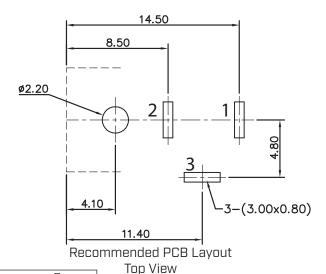
center pin

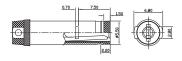
terminal 1

terminal 2

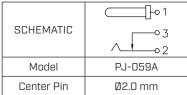
terminal 3







MATING PLUG Jack Insertion Depth: 9.5 mm



REVISION HISTORY

rev.	description	date	
1.0	initial release	07/30/2007	
1.01	applied new spec template	01/06/2014	
1.02	increased voltage rating	04/14/2016	
1.03	brand update	10/30/2019	
1.04	product reengineered for improved manufacturability and production yield, see PCN for details	02/27/2023	

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



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