

date 12/15/2022

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MODEL: PJ-031D | DESCRIPTION: DC POWER JACK

FEATURES

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





SPECIFICATIONS

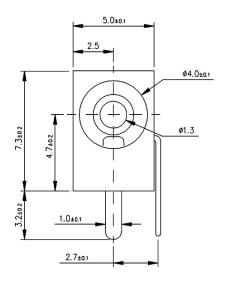
parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.0	А
contact resistance				50	mΩ
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand				500	Vac
insertion/withdrawal force		0.3		2	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RnHS	Ves				-

SOLDERABILITY

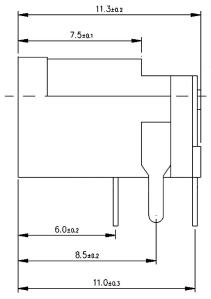
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

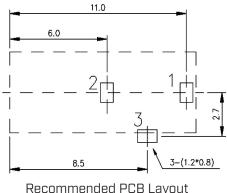
MECHANICAL DRAWING

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

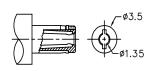


DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	silver
terminal 1	brass t=0.50	silver
terminal 2	MM alloy t=0.20	silver
terminal 3	brass t=0.50	silver
housing	PA10T (UL94V-0)	black





Recommended PCB Layout Top View



MATING PLUG Jack Insertion Depth: 7.0 mm

SCHEMATIC	01 03 02
Model	PJ-0310
Center Pin	Ø1.3 mm

REVISION HISTORY

rev.	description	date	
1.0	initial release	07/30/2007	
1.01	applied new spec template	12/05/2014	
1.02	increased voltage rating	05/03/2016	
1.03	brand update	10/24/2019	
1.04	logo, datasheet style update	08/05/2022	
1.05	product reengineered for improved manufacturability and production yield, see PCN for details	12/15/2022	

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



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