

date 04/06/2023

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MODEL: PJ-035C | DESCRIPTION: DC POWER JACK

FEATURES

- 1.0 mm center pin
- 2.0 A
- 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				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
storage temperature		-40		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

SOLDERABILITY

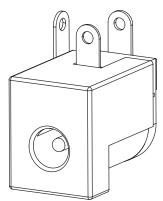
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 10 seconds		260		°C

MECHANICAL DRAWING

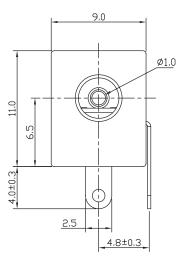
units: mm

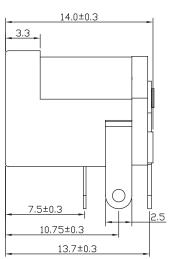
tolerance: ±0.20 mm PCB: ±0.05 mm

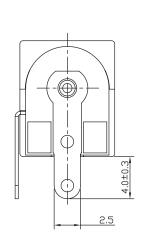
unless otherwise specified

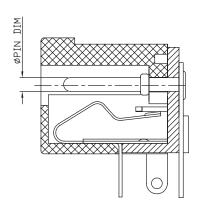


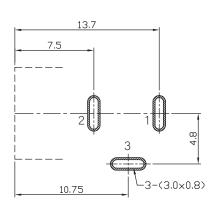
DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	nickel
terminal 1	brass	tin
terminal 2	bronze	tin
terminal 3	brass	tin
cover	PBT (UL94V-0)	black
housing	PBT (UL94V-0)	black



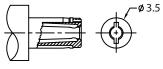








Recommended PCB Layout Top View



MATING PLUG Jack Insertion Depth: 9.5 mm

Schematic	01	
Model	PJ-035C	
Center Pin	Ø1.0 mm	

REVISION HISTORY

rev.	description	date	
1.0	initial release	07/30/2007	
1.01	applied new spec template	07/13/2015	
1.02	increased voltage rating	04/08/2016	
1.03	brand update	10/23/2019	
1.04	logo, datasheet style update	08/05/2022	
1.05	product reengineered for improved manufacturability and production yield, see PCN for details	04/06/2023	

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



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