

date 08/05/2022

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MODEL: PJ-097H | DESCRIPTION: DC POWER JACK

FEATURES

- 8 A rating
- shielded
- · panel mount
- 3 conductor
- signal pin





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current	power pin signal pin			8.0 1.0	A A
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit			50 30	$m\Omega$
nsulation resistance	at 500 Vdc between adjacent contacts	100			МΩ
oltage withstand	for 1 minute, 0.5 mA between adjacent contacts			500	Vac
nsertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
ife	at a rate of 24 cycles/minute		5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

Note:

SOLDERABILITY

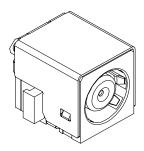
parameter	conditions/description	min	typ	max	units
hand soldering	for 3~4 seconds	340	350	360	°C



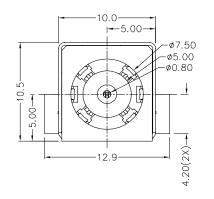
When measured at a current of less than 100 mA/1 kHz
All specifications measured at 10-35°C, humidity at 45-85%, under standard atmospheric pressure, unless otherwise noted.

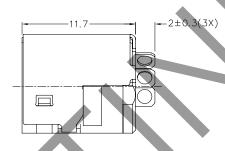
MECHANICAL DRAWING

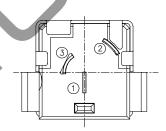
units: mm tolerance: X.X ±0.2 mm X.XX ±0.10 mm X.XXX ±0.050 mm

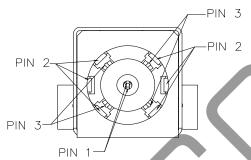


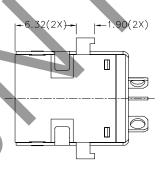
	MATERIAL	PLATING
terminal 1	copper alloy	gold flashed
terminal 2	copper alloy	gold flashed
terminal 3	copper alloy	gold flashed
shield	brass	nickel
insulator	PA10T	













MATING PLUG Jack Insertion Depth: 9,2 mm

SCHEMATIC	√ 3(V+) 1(S) 2(V−)
Model	PJ-097H
terminal 1	signal pin
terminal 2	outer sleeve
terminal 3	inner sleeve

REVISION HISTORY

rev.	description	date
1.0	initial release	12/17/2018
1.01	brand update	11/06/2019
1.02	logo, datasheet style update	08/05/2022

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





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