

Additional Resources: Product Page

date 08/05/2022

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MODEL: PJ-014C | DESCRIPTION: DC POWER JACK

FEATURES

- 1.0 mm center pin
- 2.5 A rating
- right angle orientation
- through hole mount





SPECIFICATIONS

parameter	conditions/description	r	nin	typ	max	units
rated input voltage			,	24		Vdc
rated input current					2.5	А
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit				50 30	mΩ
insulation resistance	at 500 Vdc	1	00			MΩ
voltage withstand	at 50/60Hz for 1 minute				500	Vac
insertion/withdrawal force			0.3		3	kg
terminal strength	any direction for 10 seconds				500	g
operating temperature		-	·25		85	°C
life				5,000		cycles
flammability rating	UL94V-0					
RoHS	yes					
Note: 1. When measured at a curre	nt of less than 100 mA/1 kHz					

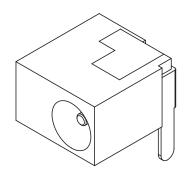
SOLDERABILITY

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

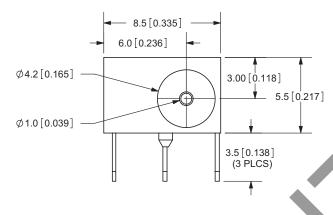


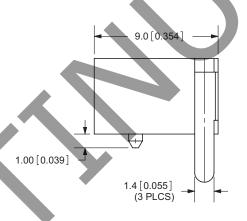
MECHANICAL DRAWING

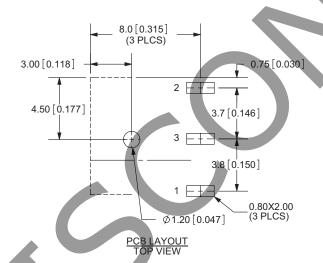
units: mm[inches] tolerance: X.X ±0.2mm X.XX ±0.1mm X.XXX ±0.05mm

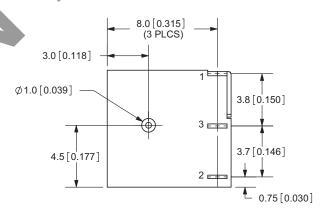


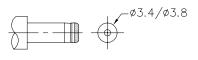
	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	tin
terminal 2	copper alloy	tin
terminal 3	brass	tin
plastic	PBT	











MATING PLUG Jack Insertion Depth: 7.2 mm

SCHEMATIC	-1 -3 -2
Model	PJ-014C
Center Pin	Ø1.0 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	10/19/2005
1.01	added dimensions	12/21/2007
1.02	applied new spec template	06/30/2015
1.03	increased voltage rating	05/18/2016
1.04	brand update	10/23/2019
1.05	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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