

date 04/14/2016

page 1 of 3

MODEL: PJ-053CH | **DESCRIPTION:** DC POWER JACK

FEATURES

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





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				3.5	А
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			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	2011/65/EU				

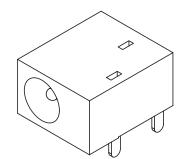
Note: 1. When measured at a current of less than 100 mA/1 kHz

SOLDERABILITY

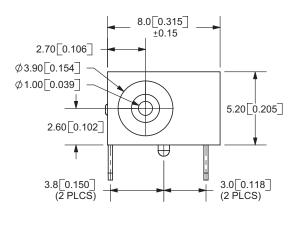
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ± 0.5 seconds	255	260	265	°C

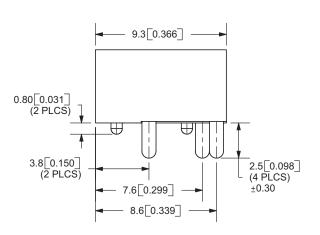
MECHANICAL DRAWING

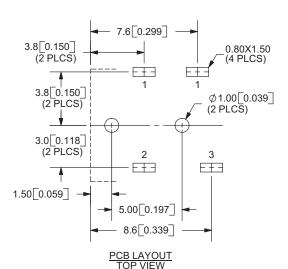
units: mm[inches] tolerance: $X.X \pm 0.2mm$ $X.XX \pm 0.1mm$ $X.XXX \pm 0.05mm$

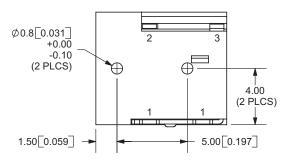


	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	brass	silver
plastic	PA66	









MATING PLUG

Jack Insertion Depth: 6.2 mm

SCHEMATIC	
Model	PJ-053CH
Center Pin	Ø1.0 mm

Note:

date 04/14/2016 | page 3 of 3

REVISION HISTORY

rev.	description	date
1.0	initial release	07/30/2007
1.01	applied new spec template	01/21/2016
1.02	increased voltage rating	04/14/2016

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



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CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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