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Additional Resources: Product Page

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

FEATURES

- 1.3 mm center pin
- 2.5 A rating
- right angle orientation
- through hole mounting



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				2.5	A
contact resistance				50	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand				500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

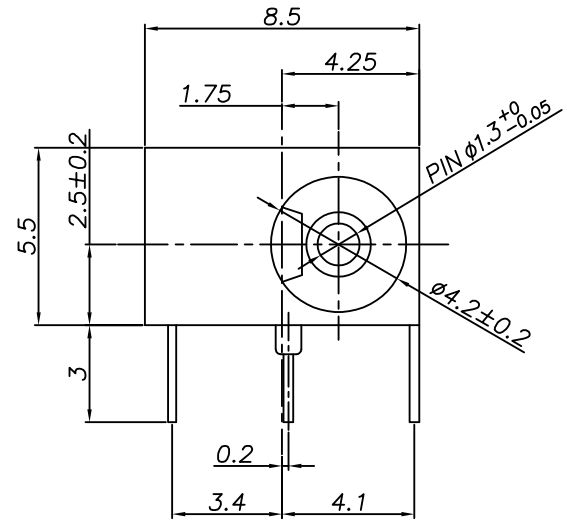
SOLDERABILITY

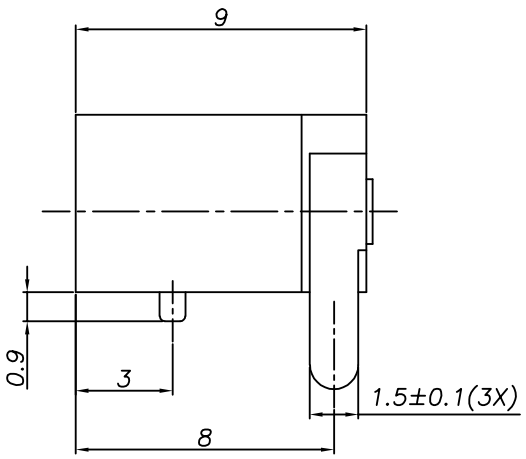
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 4~6 seconds			250	°C

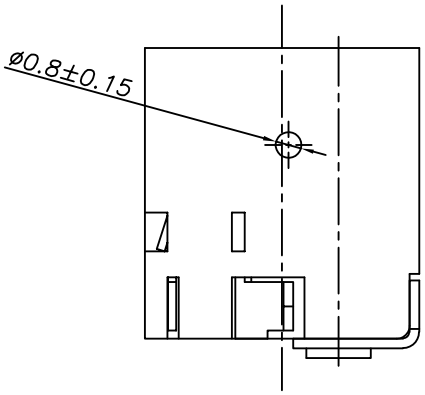
MECHANICAL DRAWING

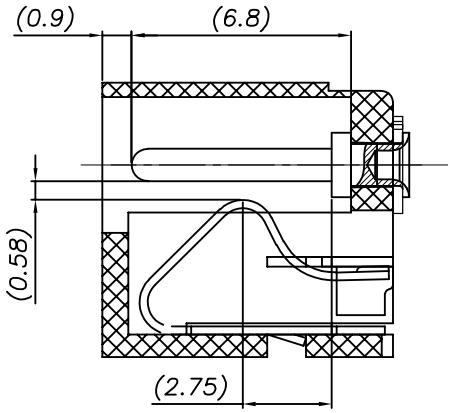
units: mm
tolerance: ±0.3 mm
PCB: ±0.05 mm
unless otherwise specified

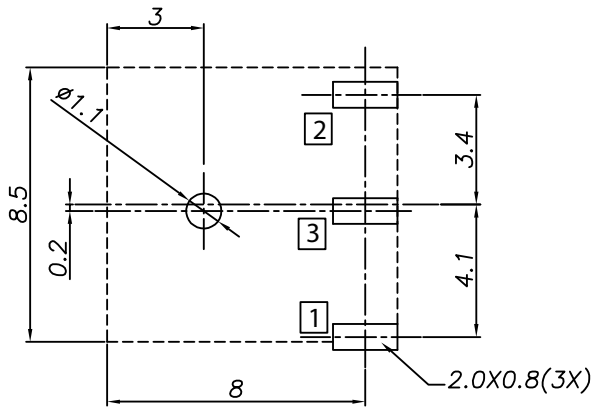
DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	copper alloy	CuSn
terminal 1	brass t=0.30	tin
terminal 2	stainless steel t=0.25	tin
terminal 3	brass t=0.30	tin
housing	PA66 (UL94V-0)	black



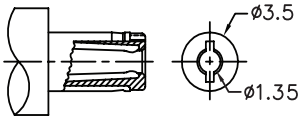




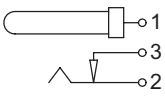




Recommended PCB Layout
Top View



MATING PLUG
Jack Insertion Depth: 7.7 mm

SCHEMATIC	
Model	PJ-014D
Center Pin	Ø1.3 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	06/29/2015
1.03	increased voltage rating	05/18/2016
1.04	brand update	10/24/2019
1.05	logo, datasheet style update	08/05/2022
1.06	product reengineered for improved manufacturability and production yield, see PCN for details	01/05/2023
1.07	product reengineered for improved manufacturability and production yield, see PCN for details	04/16/2024
1.08	CUI Devices rebranded to Same Sky	09/12/2024

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

same sky

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

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Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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