

MODEL: PJ-043H | **DESCRIPTION:** DC POWER JACK**FEATURES**

- 1.65 mm center pin
- high current 5 A rating
- vertical orientation
- through hole with panel slots

**SPECIFICATIONS**

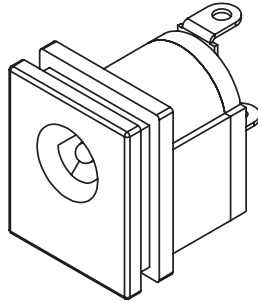
parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5.0	A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

SOLDERABILITY

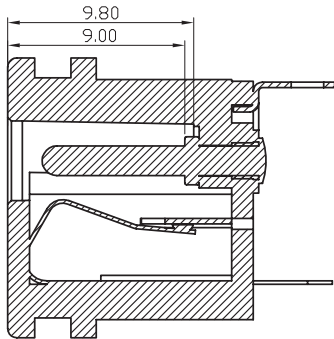
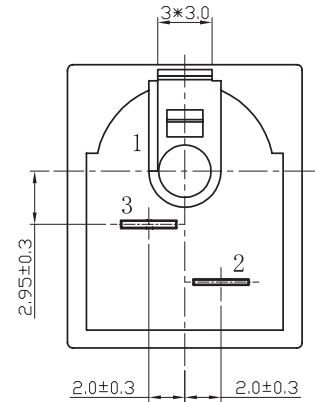
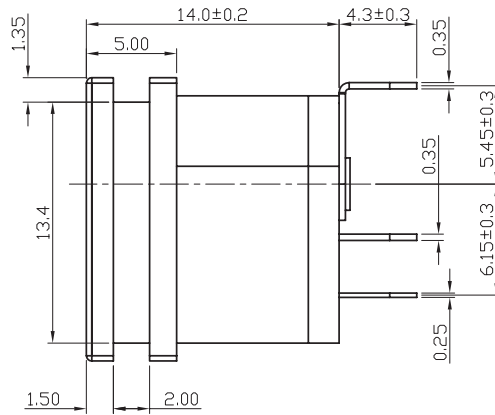
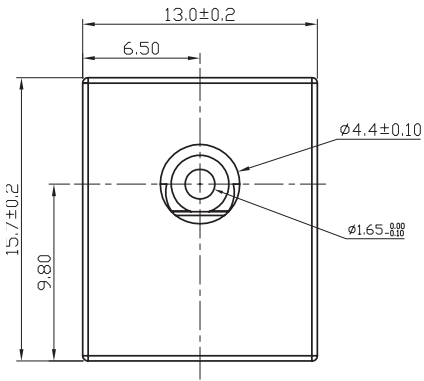
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

MECHANICAL DRAWING

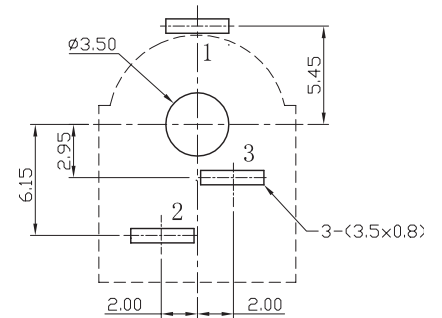
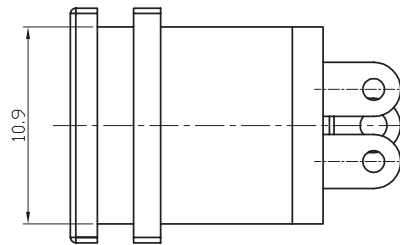
units: mm
 tolerance:
 X. ± 0.50 mm
 X.X ± 0.30 mm
 X.XX ± 0.20 mm
 X.XXX ± 0.10 mm
 PCB: ± 0.05 mm



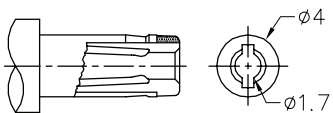
DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	nickel
terminal 1	brass t=0.35	silver
terminal 2	bronze t=0.25	silver
terminal 3	brass t=0.35	silver
cover	PBT (UL94V-0)	black
housing	PBT (UL94V-0)	black



SECTION



Recommended PCB Layout
Top View



MATING PLUG
Jack Insertion Depth: 9.0 mm

SCHEMATIC	
Model	PJ-043H
Center Pin	Ø1.65 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	07/30/2007
1.01	increased voltage rating	04/28/2016
1.02	brand update	10/28/2019
1.03	modified housing mold	04/20/2021
1.04	logo, datasheet style update	08/05/2022
1.05	product reengineered for improved manufacturability and production yield, see PCN for details	03/01/2023
1.06	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 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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