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same sky

MODEL: PJ-060B | DESCRIPTION: DC POWER JACK

FEATURES

- 2.5 mm center pin
- 5.0 A rating
- vertical orientation
- through hole



RoHS

SPECIFICATIONS

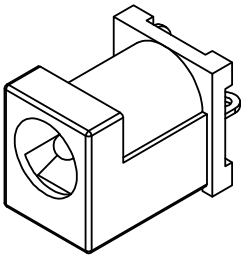
parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5.0	A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		70	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

SOLDERABILITY

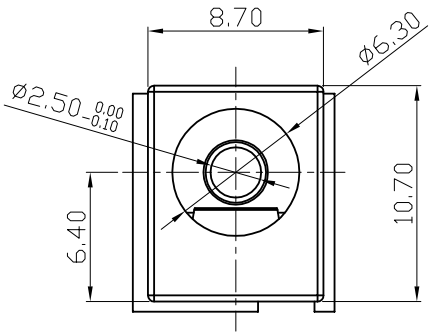
parameter	conditions/description	min	typ	max	units
hand soldering	for 3~5 seconds	355	360	365	°C

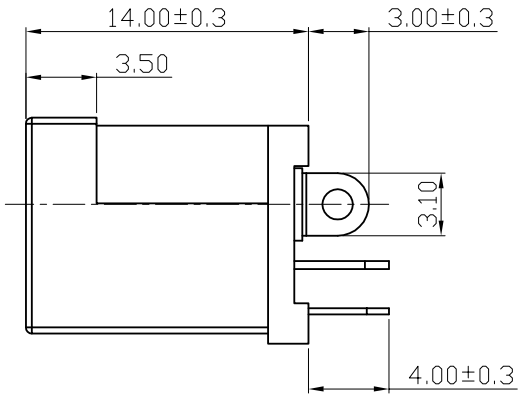
MECHANICAL DRAWING

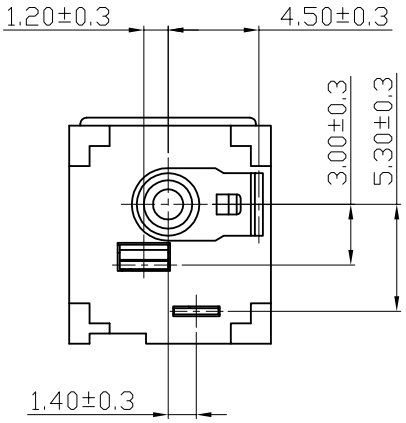
units: mm
tolerance:
X. ±0.50 mm
X.X ±0.30 mm
X.XX ±0.25 mm
X.XXX ±0.10 mm
PCB: ±0.05 mm
unless otherwise specified

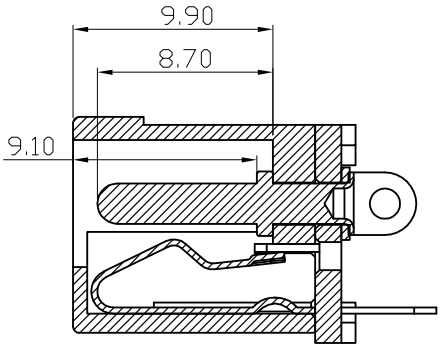


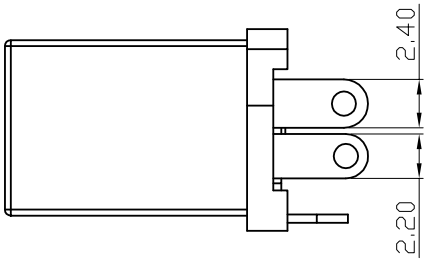
DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	nickel
terminal 1	brass t=0.40 mm	silver
terminal 2	bronze t=0.30 mm	silver
terminal 3	brass t=0.40 mm	silver
cover	PBT (UL94V-0)	black
housing	PBT (UL94V-0)	black

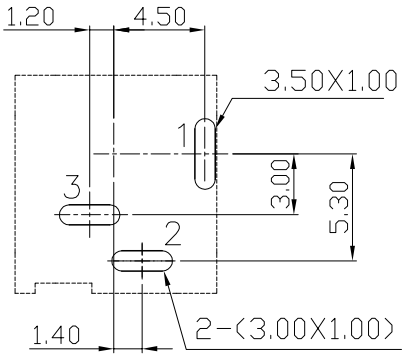




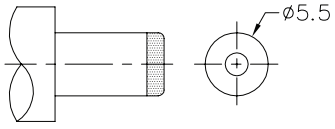




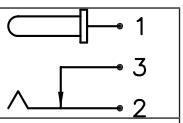




Recommended PCB Layout
Bottom View



MATING PLUG
Jack Insertion Depth: 9.1 mm

SCHEMATIC	
Model	PJ-060B
Center Pin	ø2.5 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	03/25/2009
1.01	applied new spec template	10/03/2013
1.02	brand update	12/05/2019
1.03	CUI Devices rebranded to Same Sky	09/12/2024
1.04	factory location change	06/15/2026

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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