

MODEL: PJ-006A | **DESCRIPTION:** DC POWER JACK**FEATURES**

- 2.0 mm center pin
- 5 A rating
- vertical orientation
- through hole

**SPECIFICATIONS**

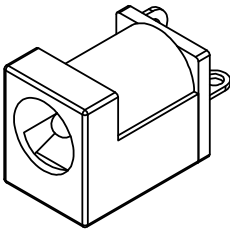
parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5	A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		70	°C
life			5,000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

SOLDERABILITY

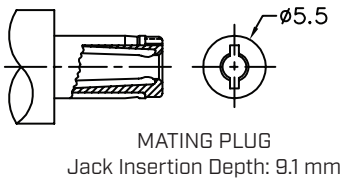
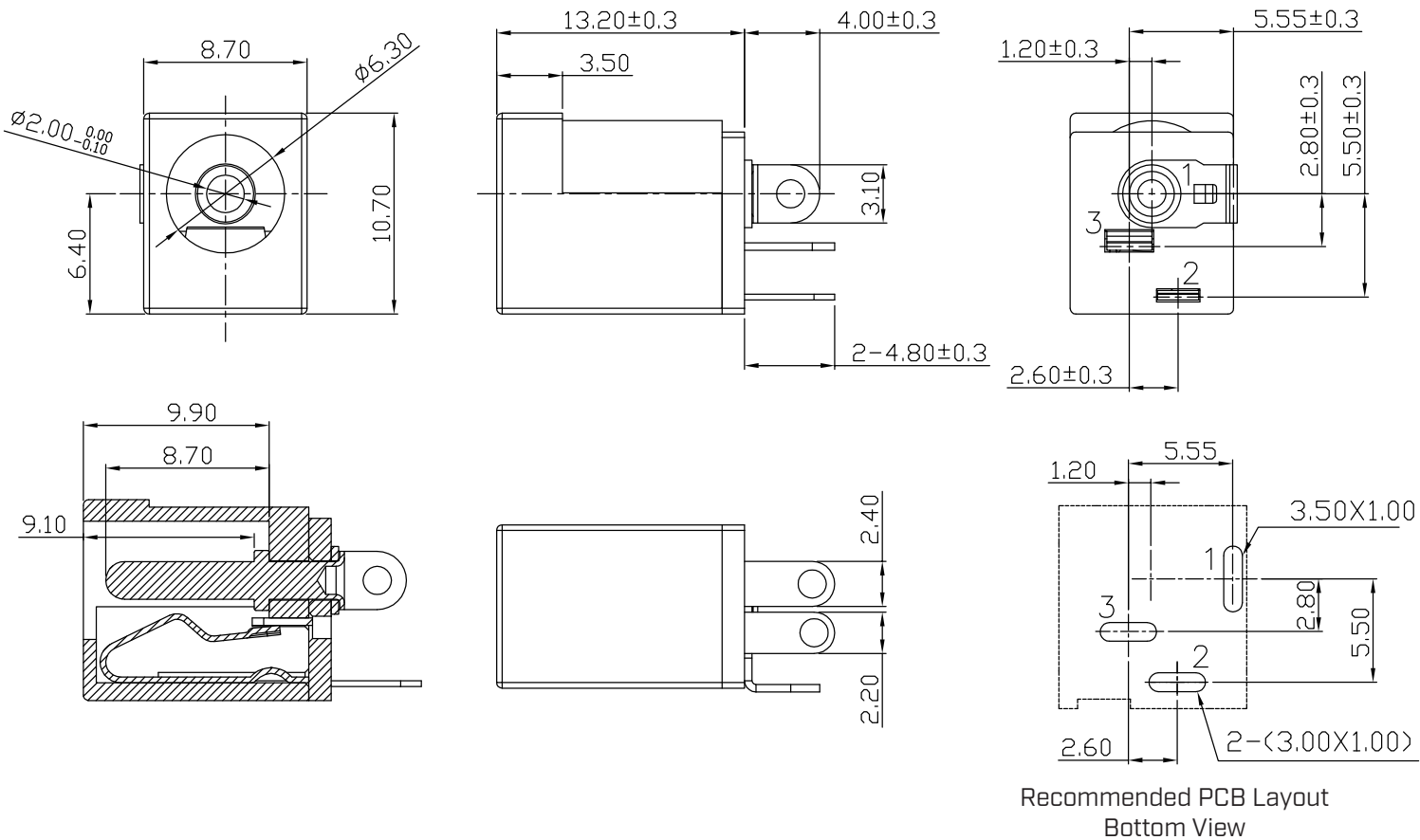
parameter	conditions/description	min	typ	max	units
hand soldering	for 3~5 seconds	255	260	265	°C

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



SCHEMATIC	
Model	PJ-006A
Center Pin	$\phi 2.0$ mm

REVISION HISTORY

rev.	description	date
1.0	initial release	05/17/2006
1.01	hand soldering note added	04/23/2009
1.02	updated datasheet	09/19/2018
1.03	brand update	10/30/2019
1.04	logo, datasheet style update	08/05/2022
1.05	CUI Devices rebranded to Same Sky	09/12/2024
1.06	factory location change	06/18/2026

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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