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same sky

MODEL: SJ3-350122B | DESCRIPTION: AUDIO JACK

FEATURES

- 3.5 mm audio jack
- through hole
- tray packaging

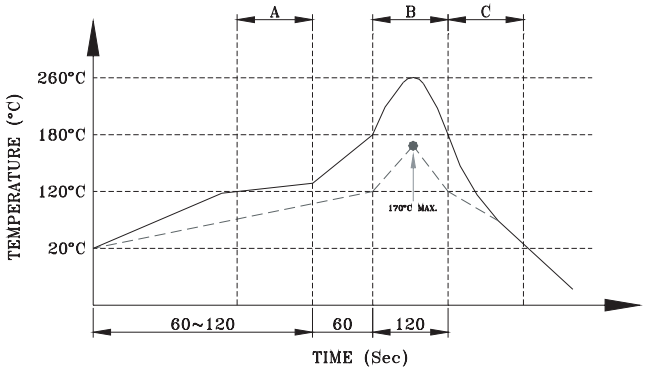
RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance				50	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	for max 5 seconds	255	260	265	°C

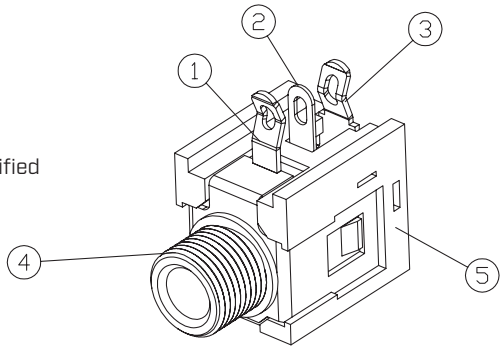


A. Preheating
B. Soldering
C. Cooling

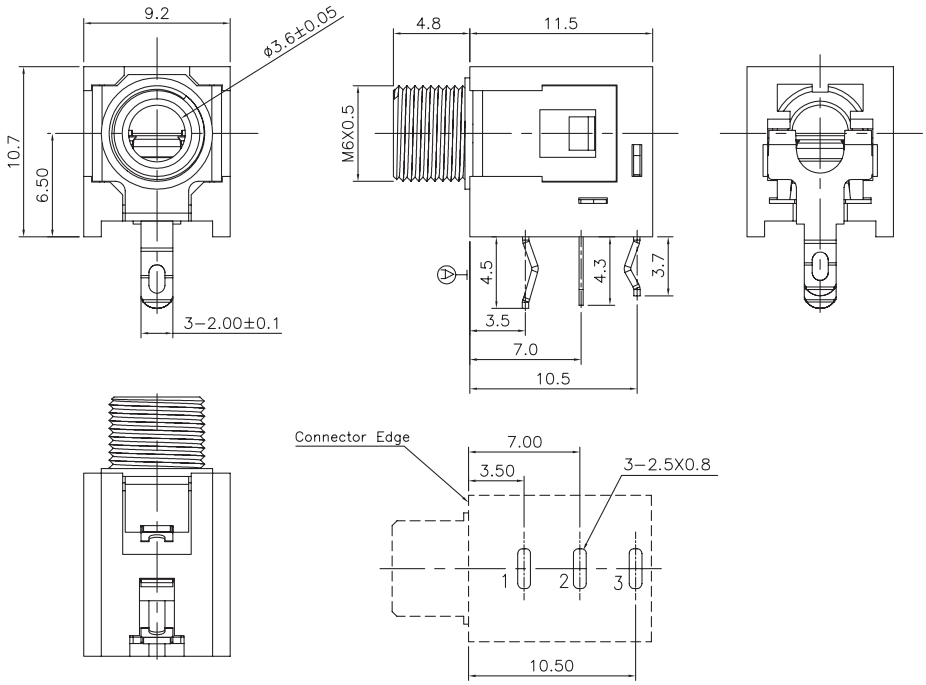
——— Pin Temperature
- - - - Component Temperature

MECHANICAL DRAWING

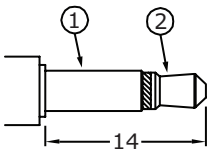
units: mm
tolerance:
X.X ±0.30 mm
X.XX ±0.25 mm
X.XXX ±0.20 mm
PCB: ±0.05 mm
unless otherwise specified



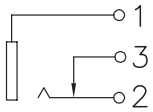
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	terminal 1	steel t=0.40	tin
2	terminal 2	C5191 t=0.25	tin
3	terminal 3	C2680 t=0.40	tin
4	bushing	C2680	nickel
5	housing	PBT 4815 (UL94V-0)	black



Recommended PCB Layout
Top View



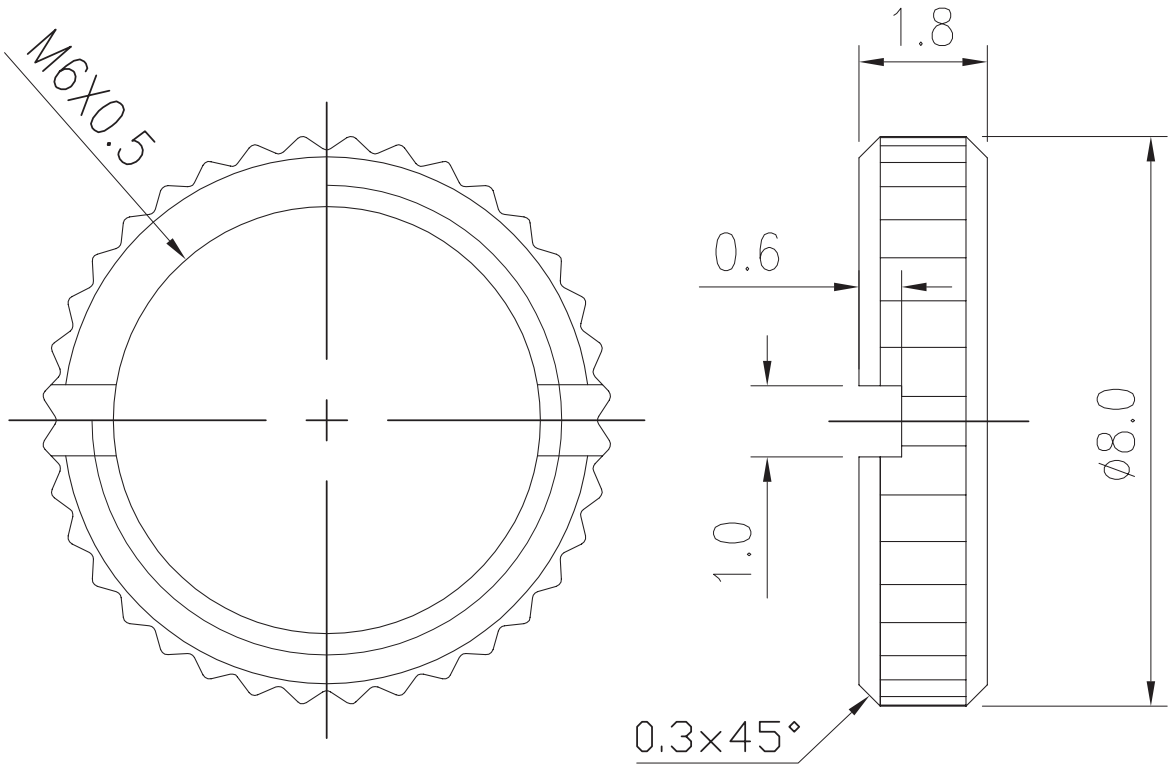
Ø3.5 MATING PLUG

Model No.	SJ3-350122B
Schematic	
PIN	
1	sleeve
2	tip
3	tip switch

MECHANICAL DRAWING (CONTINUED)

units: mm
tolerance: ±0.3 mm
unless otherwise specified

DESCRIPTION	MATERIAL	PLATING/COLOR
nut	copper alloy	nickel



REVISION HISTORY

rev.	description	date
1.0	initial release	06/12/2024
1.01	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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