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MODEL: SJ3-35074A | DESCRIPTION: AUDIO JACK

FEATURES

- 3.5 mm audio jack
- through hole
- tray packaging

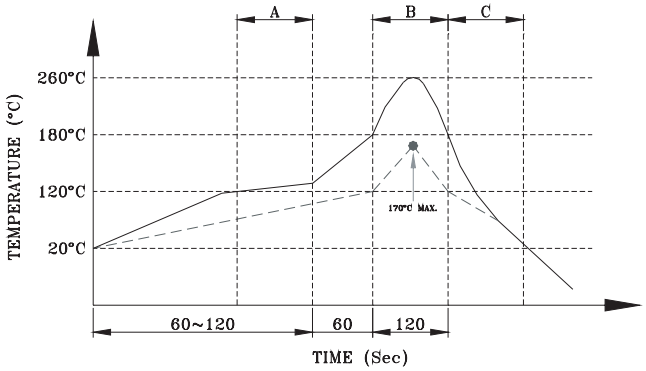
RoHS

SPECIFICATIONS

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

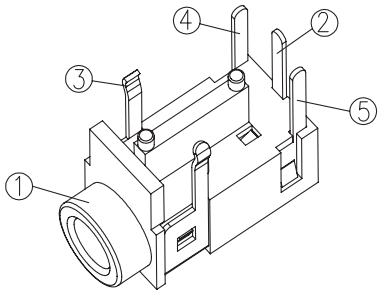


A. Preheating
B. Soldering
C. Cooling

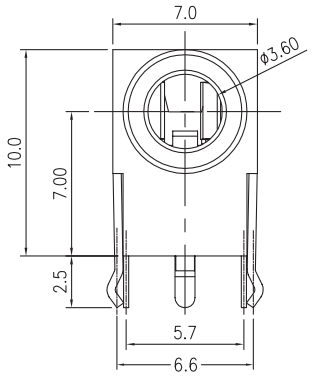
——— Pin Temperature
- - - - Component Temperature

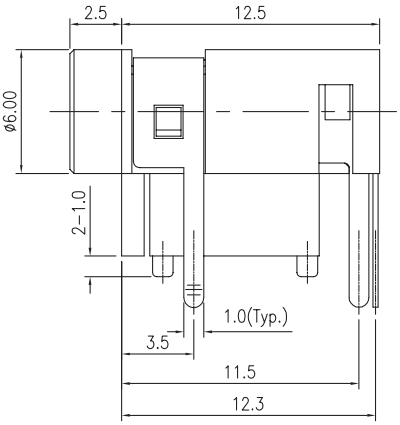
MECHANICAL DRAWING

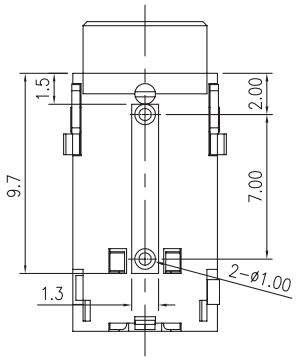
units: mm
tolerance:
X.X ±0.30 mm
X.XX ±0.25 mm
X.XXX ±0.20 mm
PCB: ±0.05 mm
unless otherwise specified

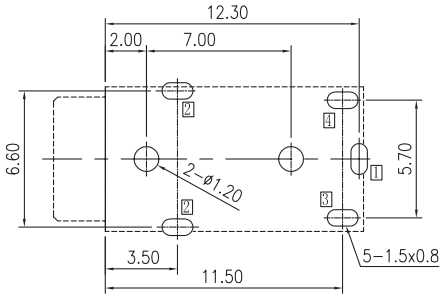


ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	housing	PBT (UL94V-0)	black
2	terminal 1	copper alloy t=0.25	silver over nickel
3	terminal 2	copper alloy t=0.25	silver over nickel
4	terminal 3	copper alloy t=0.40	silver over nickel
5	terminal 4	copper alloy t=0.25	silver over nickel

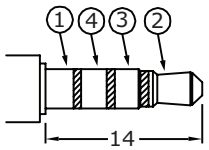




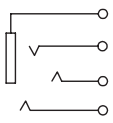




Recommended PCB Layout
Top View



Ø3.5 MATING PLUG

Model No.	SJ3-35074A
Schematic	
PIN	
1	sleeve
2	tip
3	ring 1
4	ring 2

REVISION HISTORY

rev.	description	date
1.0	initial release	06/12/2024
1.01	CUI Devices rebranded to Same Sky	09/12/2024
1.02	updated schematic	08/13/2025

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

same sky

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