

MODEL: SJ3-35074A | DESCRIPTION: AUDIO JACK

FEATURES

- 3.5 mm audio jack
- through hole
- tray packaging

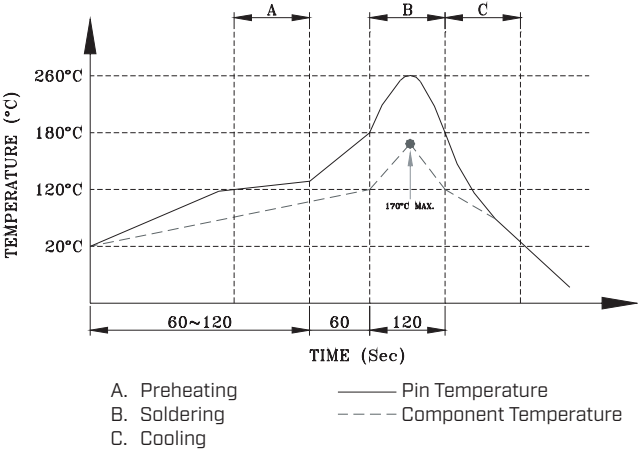


SPECIFICATIONS

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				

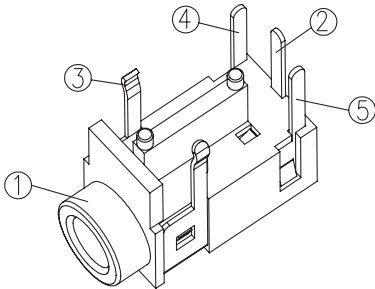
SOLDERABILITY

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

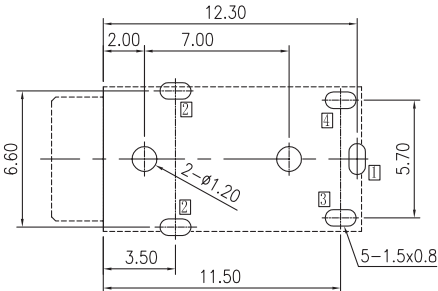
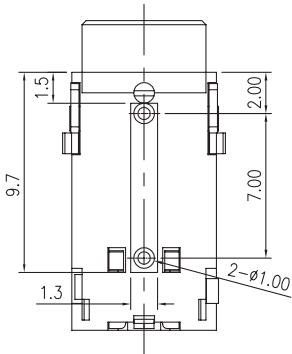
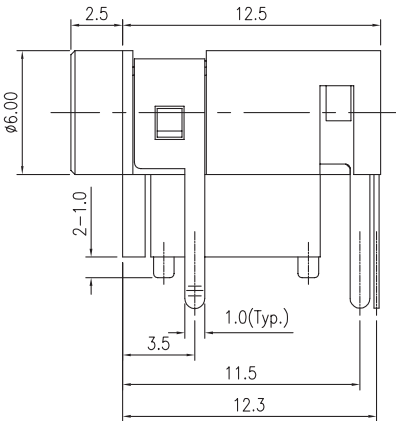
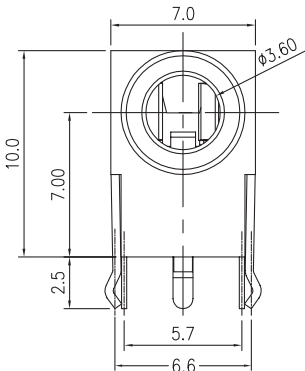


MECHANICAL DRAWING

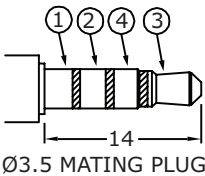
units: mm
tolerance:
X.X ±0.30 mm
X.XX ±0.25 mm
X.XXX ±0.20 mm
PCB: ±0.05 mm
unless otherwise specified



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



Model No.	SJ3-35074A
Schematic	A schematic diagram of the audio jack assembly showing terminals 1, 2, 3, and 4. Terminal 1 is connected to terminal 2, terminal 3 is connected to terminal 4, and terminal 1 is connected to terminal 3.
PIN	
1	sleeve
2	ring 2
3	tip
4	ring 1

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 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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