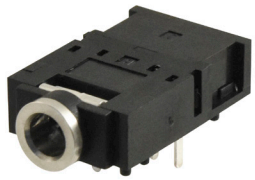
CUI Devices is now Same Sky! Learn More

MODEL: SJ-3571N | DESCRIPTION: AUDIO JACK

FEATURES

- PCB mount
- stereo
- right angle with isolated DPDT switch
- non-threaded



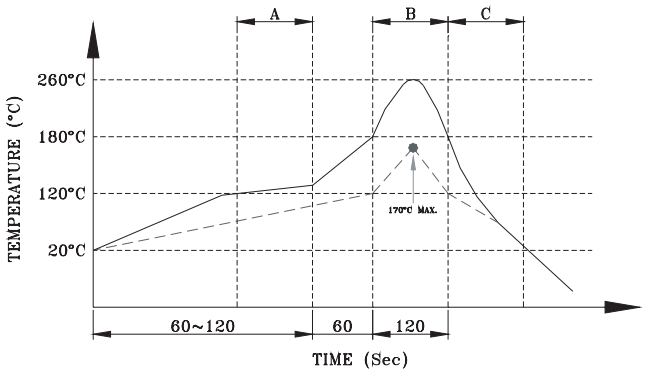
RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance	between terminal and mating plug between terminal in a closed circuit			100 50	mΩ 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



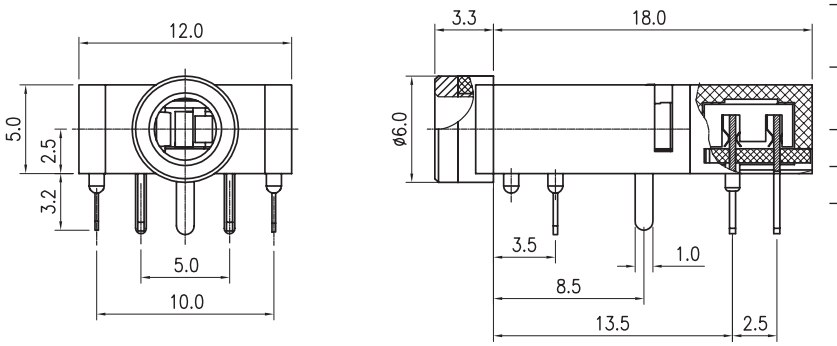
A. Preheating
B. Soldering
C. Cooling

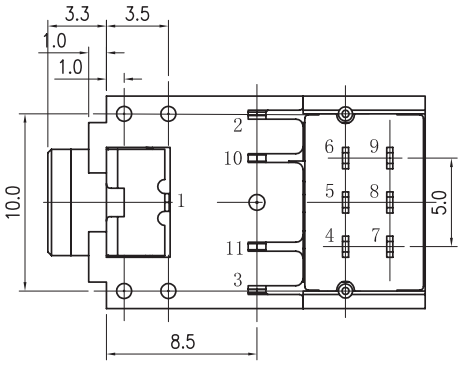
——— Pin Temperature
- - - - Component Temperature

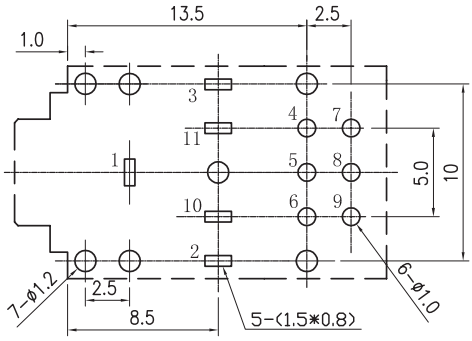
MECHANICAL DRAWING

units: mm
tolerance:
X.X ±0.30 mm
X.XX ±0.25 mm
X.XXX ±0.20 mm
PCB: ±0.10 mm
unless otherwise specified

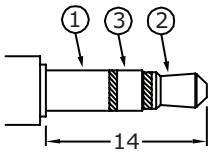
DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	brass t=0.25	CuSn
terminal 2	stainless steel t=0.25	CuSn
terminal 3	stainless steel t=0.20	CuSn
terminals 4~9	brass t=0.35	silver
terminals 10, 11	brass t=0.35	CuSn
bushing	copper alloy	CuSn
switch reed	compund silver copper	
switch/slide housing	PA66 (UL94V-0)	black
housing	PA66 (UL94V-0)	black
clip	copper alloy t=0.08	



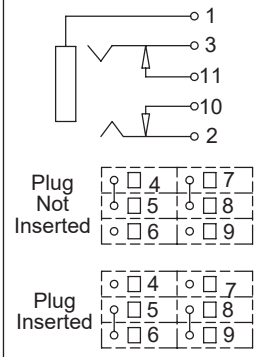




Recommended PCB Layout
Top View



Ø3.5 MATING PLUG

Model No.	SJ-3571N
SCHEMATIC	
PIN	
1	sleeve
2	tip
3	ring
10	tip switch
11	ring switch

REVISION HISTORY

rev.	description	date
1.0	initial release	03/01/2006
1.01	new template applied	02/22/2012
1.02	changed material of terminal 2 to be stainless steel	04/05/2016
1.03	changed terminal plating to silver	02/13/2019
1.04	brand update	10/10/2019
1.05	updated bushing details on model SJ-3579AN	03/02/2020
1.06	discontinued models SJ-3570AN, SJ-3570BN, SJ-3579AN, & SJ-3579BN; logo, datasheet style update	08/15/2022
1.07	product reengineered for improved manufacturability and production yield, see PCN for details	05/23/2023
1.08	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

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