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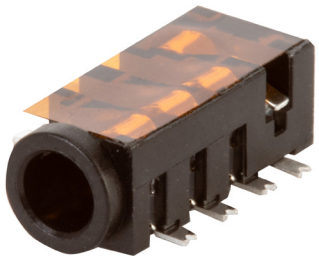
MODEL: SJ3-35024K-SMT-TR | DESCRIPTION: AUDIO JACK

FEATURES

- 3.5 mm audio jack
- surface mount
- tape & reel packaging



RoHS

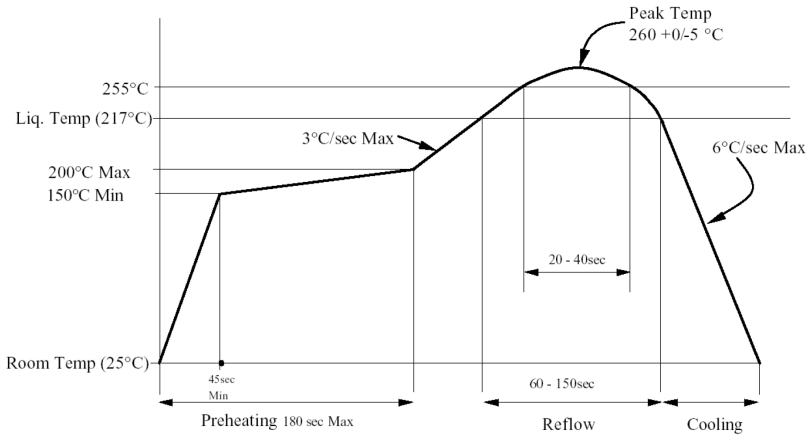
SPECIFICATIONS

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

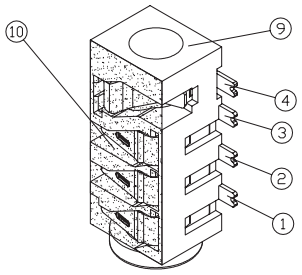
parameter	conditions/description	min	typ	max	units
reel storage	5~25°C, 20~75% humidity				
reflow soldering	see reflow profile	255	260		°C

Note: 1. Same Sky recommends usage of the product within 24 hours after T&R is opened. After 24 hours, Same Sky recommends drying the parts prior to use.

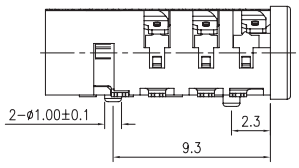


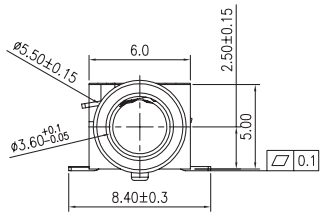
MECHANICAL DRAWING

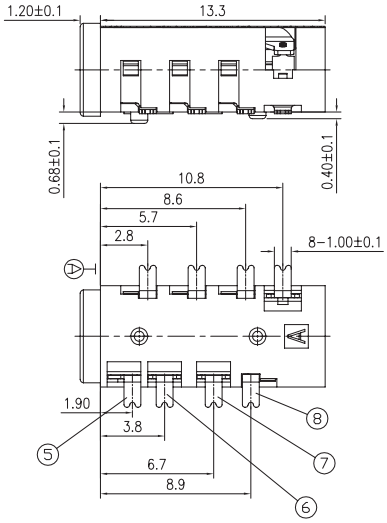
units: mm
tolerance:
X.X ±0.30 mm
X.XX ±0.25 mm
X.XXX ±0.15 mm
PCB: ±0.05 mm
unless otherwise specified

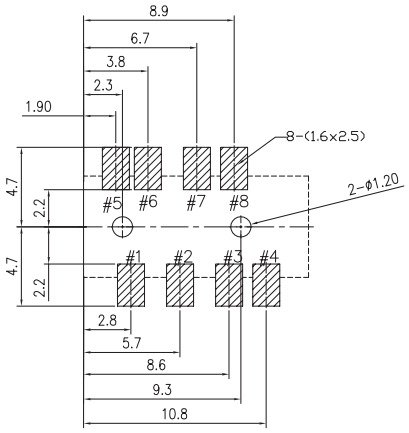


ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	terminal 1	phosphor bronze t=0.25	silver over nickel
2	terminal 2	phosphor bronze t=0.25	silver over nickel
3	terminal 3	phosphor bronze t=0.25	silver over nickel
4	terminal 4	phosphor bronze t=0.20	silver over nickel
5	terminal 5	brass t=0.20	silver over nickel
6	terminal 6	phosphor bronze t=0.20	silver over nickel
7	terminal 7	phosphor bronze t=0.20	silver over nickel
8	terminal 8	phosphor bronze t=0.25	silver over nickel
9	housing	PA9T (UL94V-0)	black
10	mylar	polymide tape	

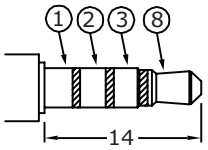




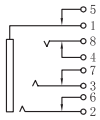




Recommended PCB Layout
Top View



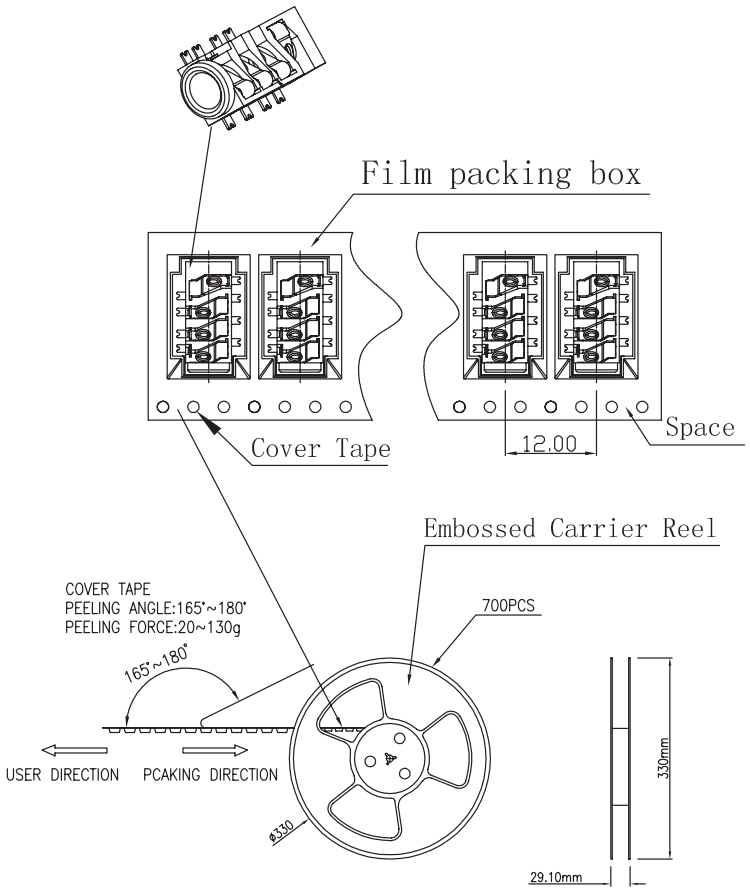
Ø3.5 MATING PLUG

Model No.	SJ3-35024K-SMT-TR
Schematic	
PIN	
1	sleeve
2	ring 2
3	ring 1
4	tip switch
5	sleeve switch
6	ring 2 switch
7	ring 1 switch
8	tip

PACKAGING

units: mm

Reel Size: Ø330 mm
Reel QTY: 700 pcs per reel



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.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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.