

**MODEL:** SJ-3554A-SMT-TR-67 | **DESCRIPTION:** AUDIO JACK**FEATURES**

- IP67 waterproof
- low profile
- surface mount

**SPECIFICATIONS**

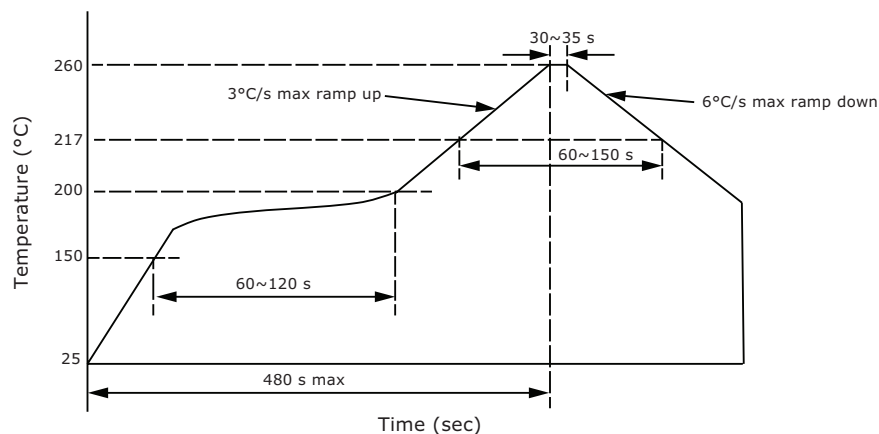
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance ¹	between terminal and mating plug			50	mΩ
	between terminal and shunt			30	mΩ
insulation resistance	at 500 Vdc between adjacent contacts	100			MΩ
voltage withstand	for 1 minute between adjacent contacts			250	Vac
insertion/withdrawal force		0.4		2.0	kg
operating temperature		-30		85	°C
life	at a rate of 500 cycles/hour		10,000		cycles
flammability rating	UL94V-0				
RoHS	yes				
IP level	IP67				

Note: 1. When measured at a current of less than 100 mA/1 kHz
2. All specifications measured at 10-35°C, humidity at 45-85%, under standard atmospheric pressure, unless otherwise noted.

SOLDERABILITY

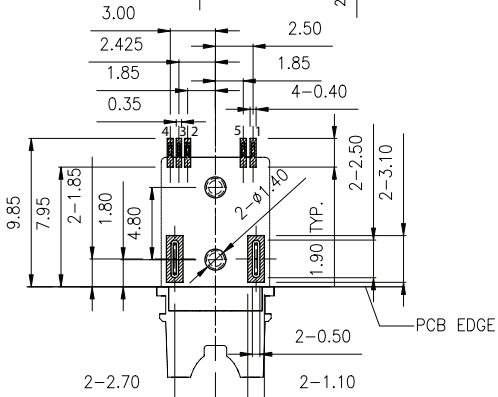
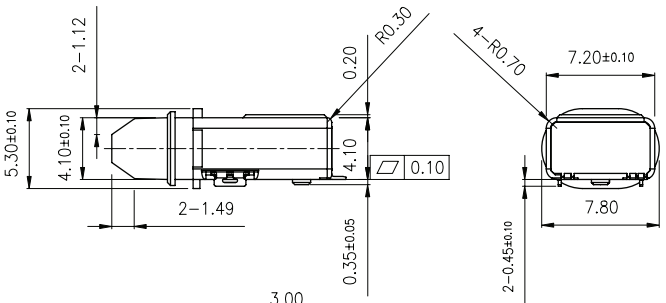
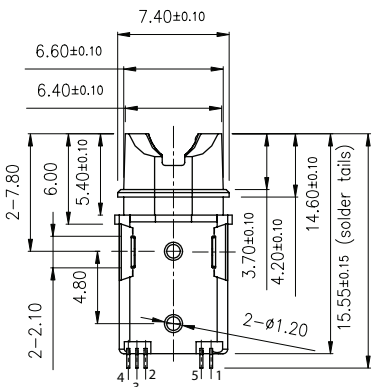
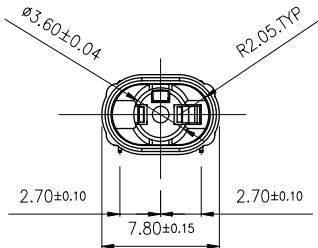
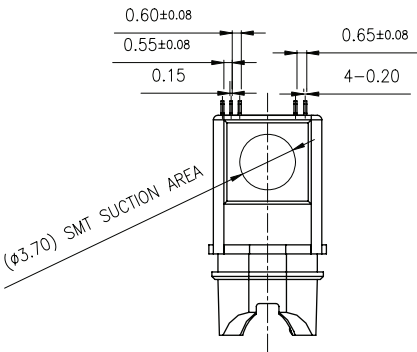
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <60%			30	°C
reflow soldering ³	see reflow profile		260	270	°C

Note: 3. It is recommended to reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.

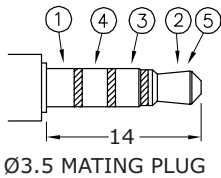


MECHANICAL DRAWING

units: mm
tolerance:
X.X ±0.2 mm
X.XX ±0.15 mm
PCB: ±0.05 mm

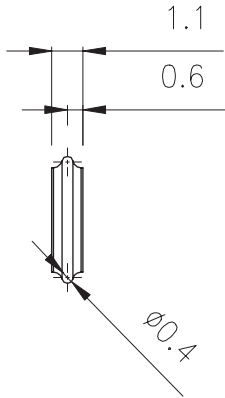
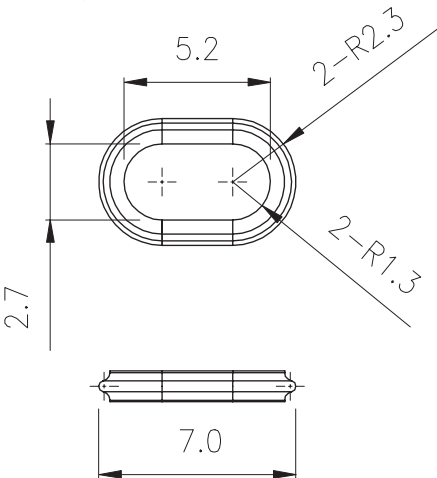


Recommended PCB Layout
Top View

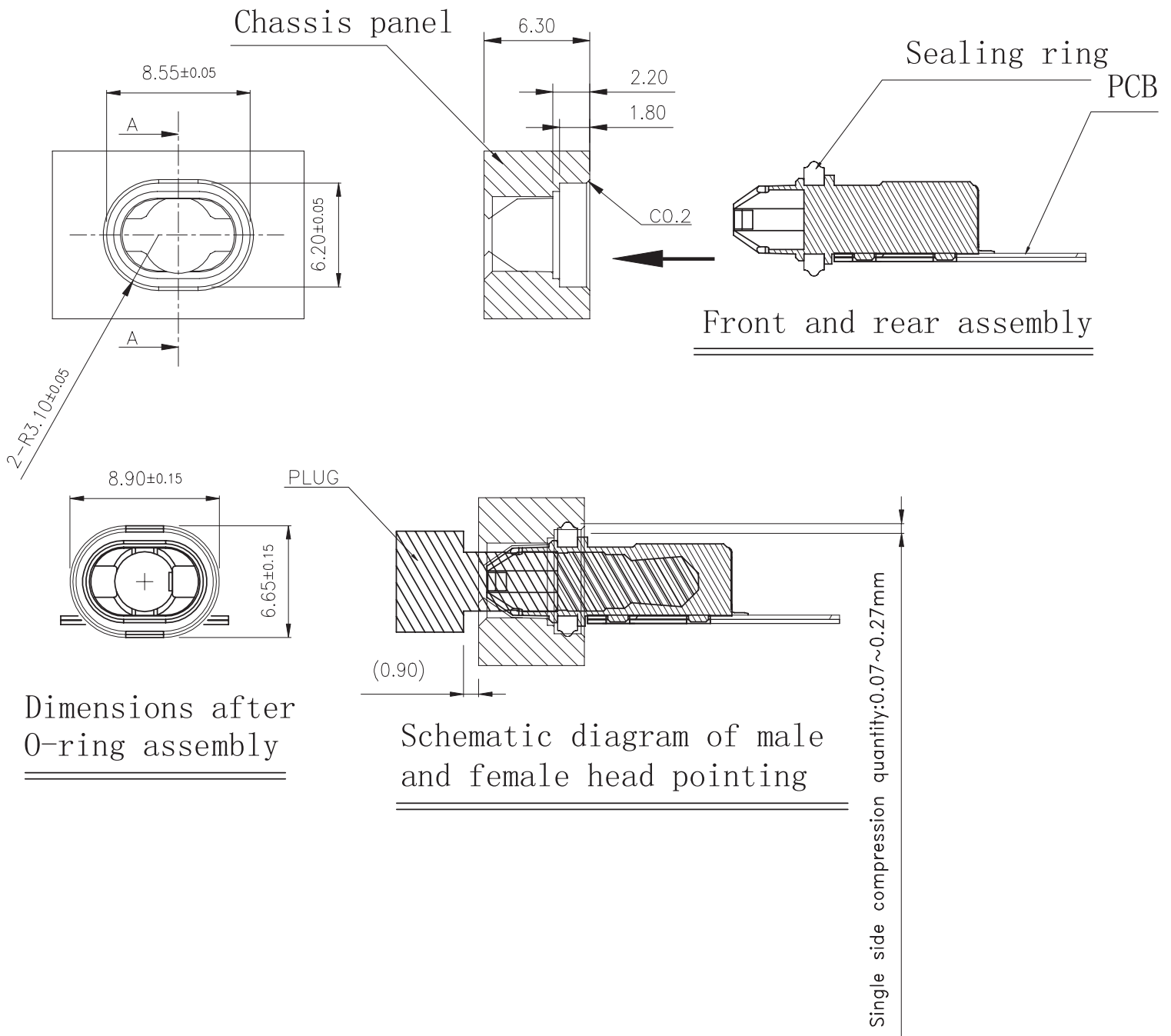


Schematic	
PIN	
1	sleeve
2	tip
3	ring 1
4	ring 2
5	tip

O-ring (P/N: OR-60)



ASSEMBLY REFERENCE

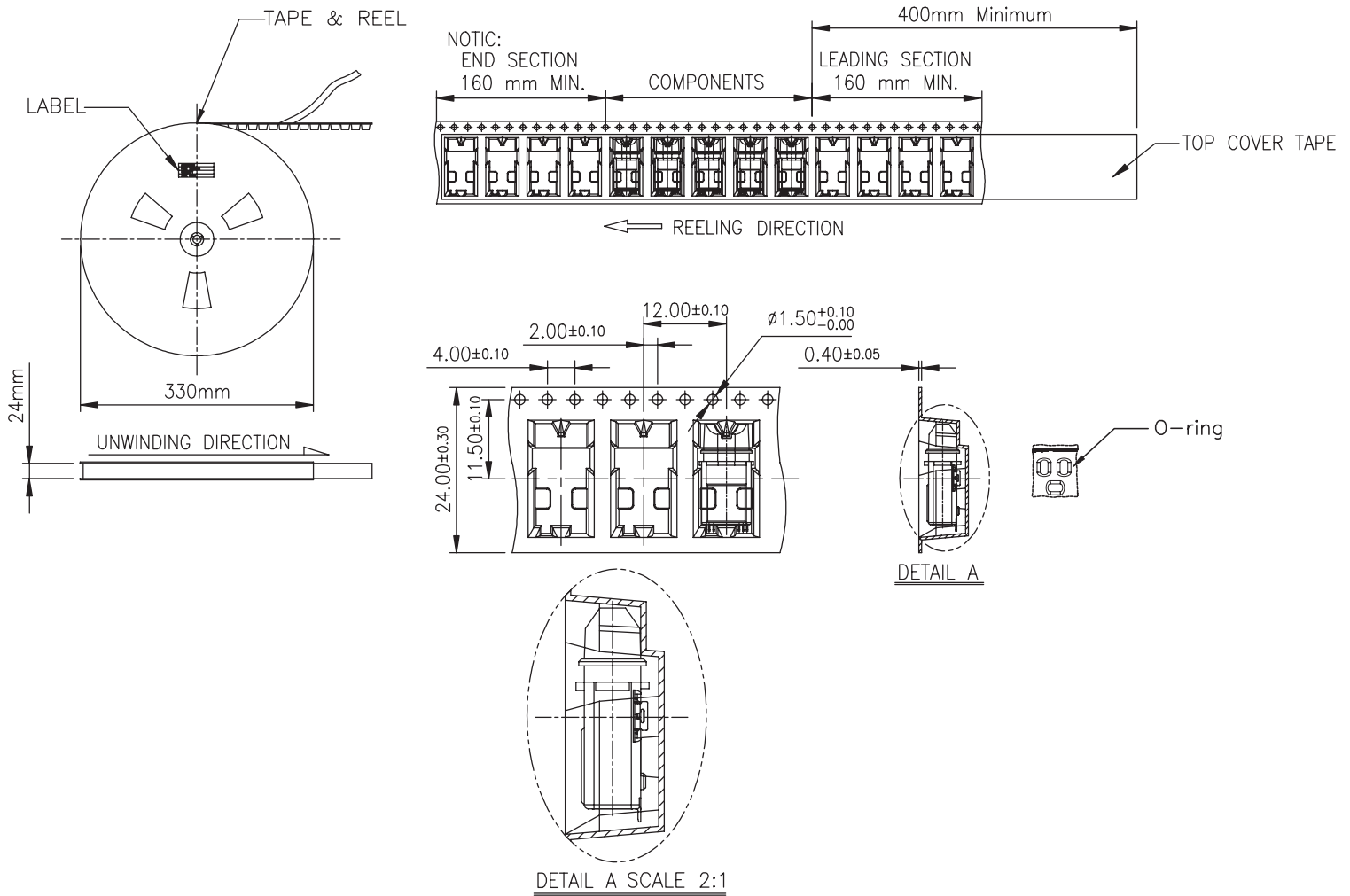


PACKAGING

units: mm

Reel Size: $\varnothing 330$ mm

Reel QTY: 800 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	12/05/2018
1.01	updated o-ring drawing	01/29/2019
1.02	brand update	10/08/2019
1.03	added o-ring p/n	04/07/2022
1.04	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.

sameskydevices.com