

MODEL: SJ-3553A-SMT-TR-67 | **DESCRIPTION:** AUDIO JACK**FEATURES**

- IP67 waterproof
- low profile
- surface mount
- mounting tab

**SPECIFICATIONS**

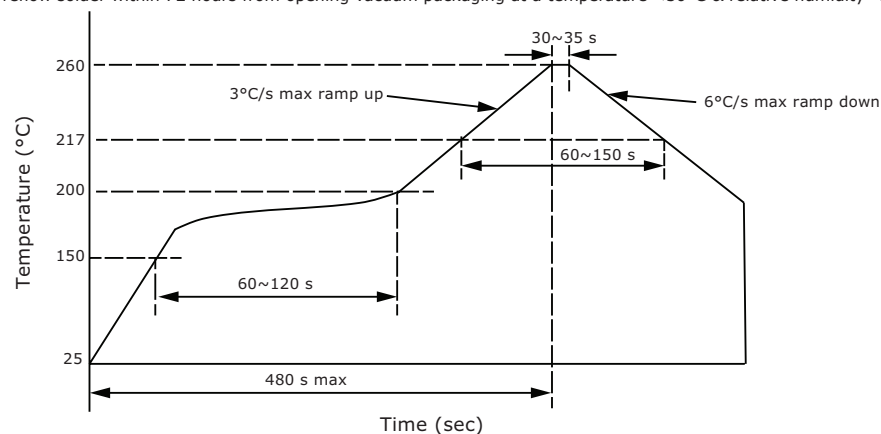
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance ¹	between terminal and mating plug			50	mΩ
	between terminal and shunt			30	mΩ
insulation resistance	at 500 Vdc between adjacent contacts	100			MΩ
voltage withstand	for 1 minute 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

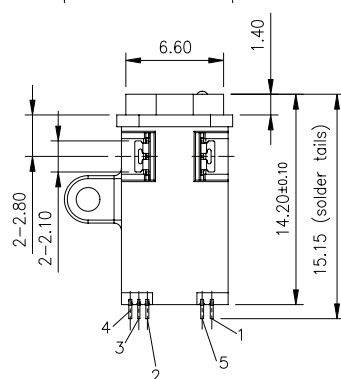
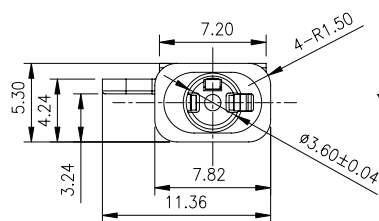
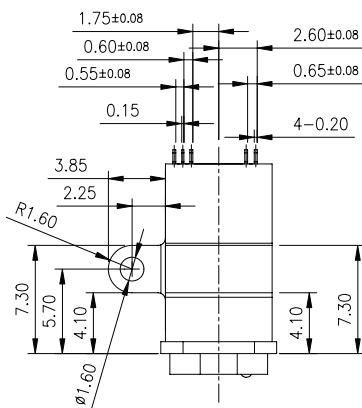
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <60%			30	°C
reflow soldering ³	see reflow profile		260	270	°C

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

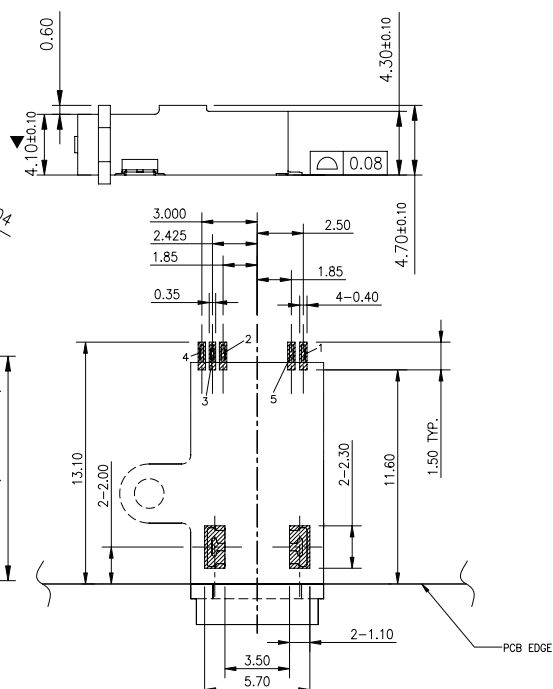


MECHANICAL DRAWING

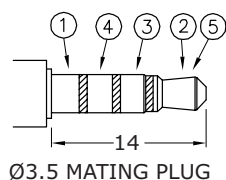
units: mm
 tolerance:
 X.X ± 0.2 mm
 X.XX ± 0.15 mm
 PCB: ± 0.10 mm



	MATERIAL	PLATING
assistant pin	stainless steel	matte tin
ring 2 contact	PBS	
sleeve contact	PBS	
tip contacts	titanium copper alloy	gold flash over nickel overall
ring 1 contact	PBS	
cap	PA-6T	black
housing	PA-6T	black
o-ring (OR-60)	silicone	black

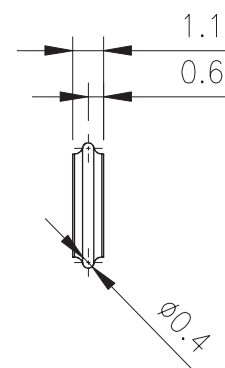
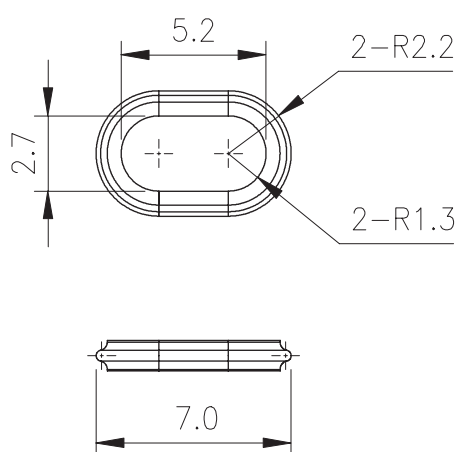


Recommended PCB Layout
Top View



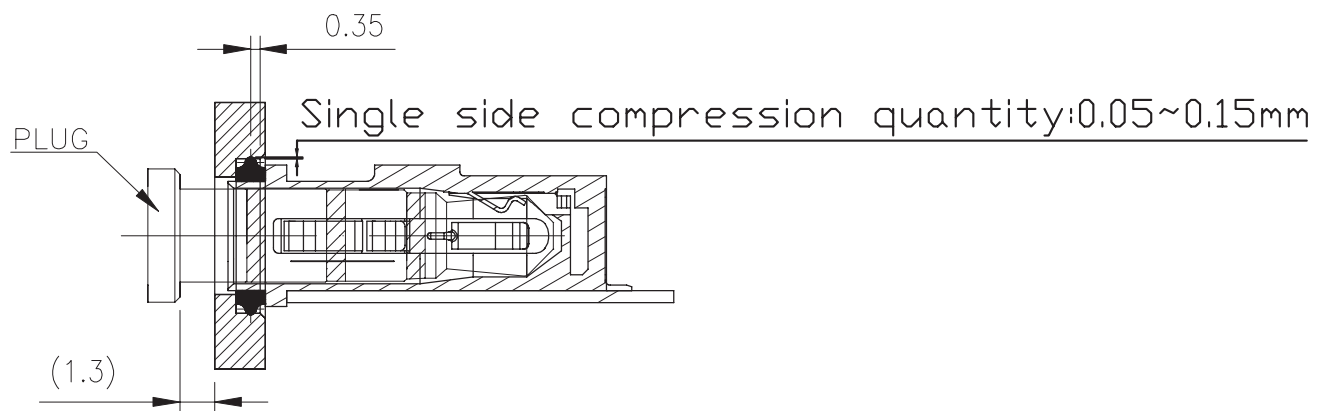
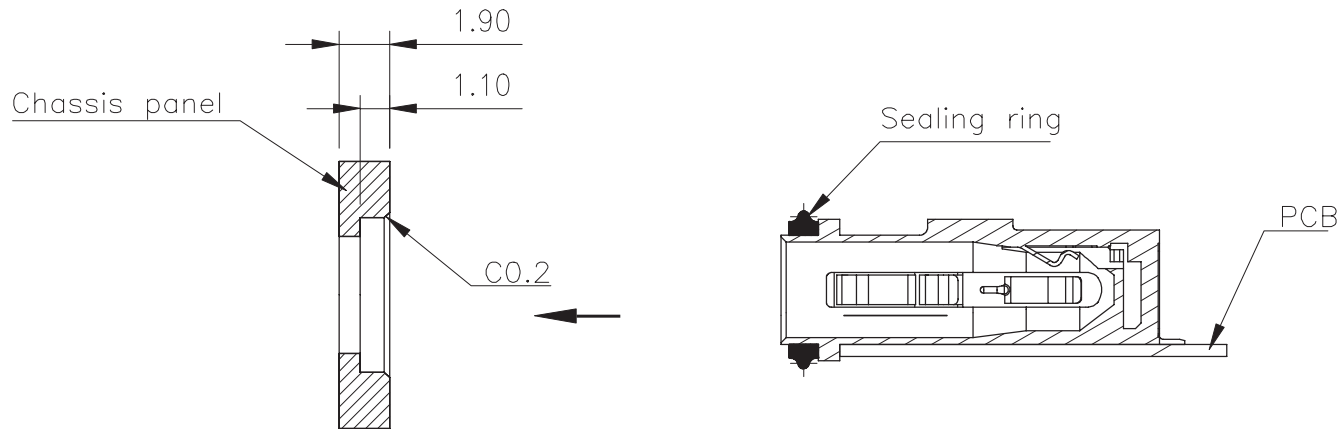
Schematic	
PIN	
1	sleeve
2	tip
3	ring 1
4	ring 2
5	tip

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



ASSEMBLY REFERENCE

Recommended seal

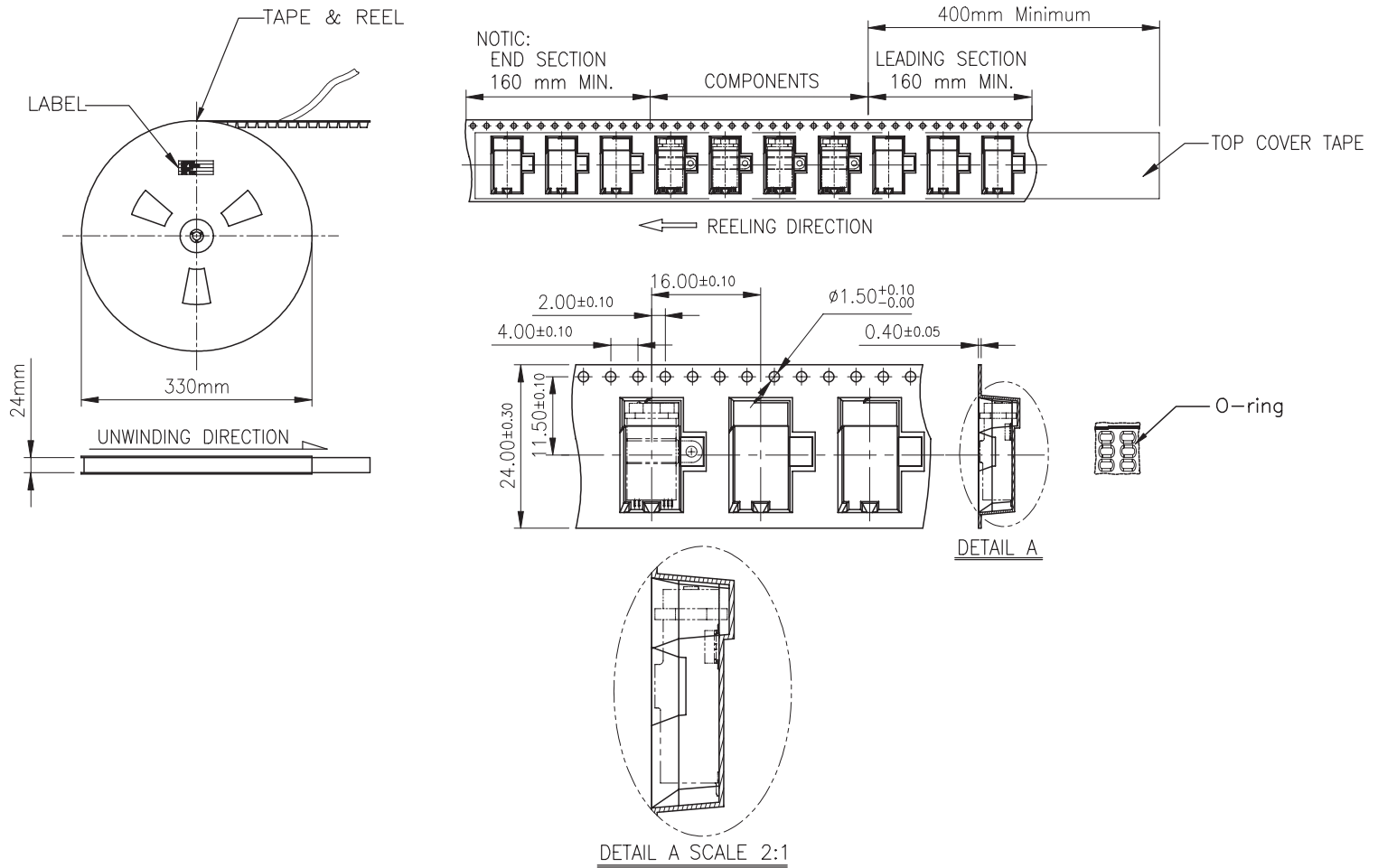


PACKAGING

units: mm

Reel Size: Ø330 mm

Reel QTY: 700 pcs per reel



REVISION HISTORY

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

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

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