CUI DEVICES

Additional Resources: Product Page

10/08/2019

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MODEL: SJ-3552A-SMT-TR-67 **DESCRIPTION:** AUDIO JACK

FEATURES

- IP67 waterproof
- low profile
- surface mount







SPECIFICATIONS

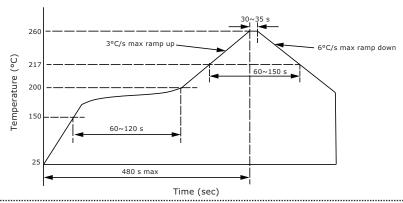
0. 20					
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	А
contact resistance ¹	between terminal and mating plug between terminal and shunt			50 30	mΩ mΩ
insulation resistance	at 500 Vdc between adjacent contacts	100			MΩ
voltage withstand	for 1 minute between adjacent contacts			250	Vac
insertion/withdrawal force		0.4		2	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:

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

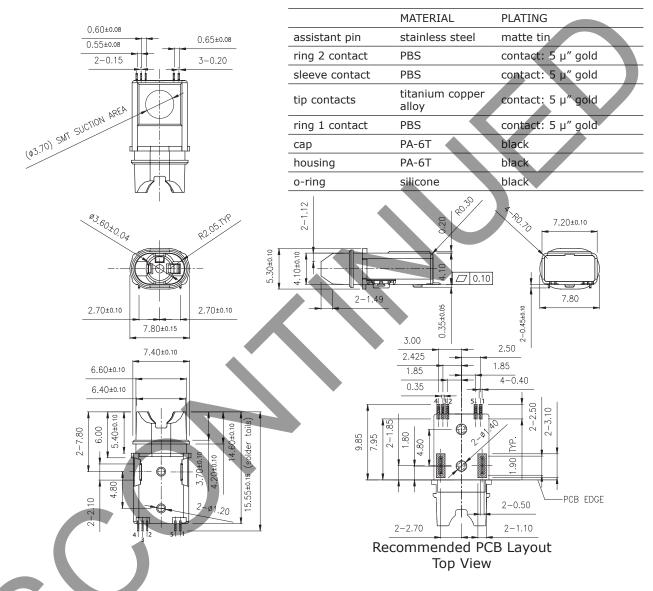
3. It is recommended to reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%. Note:

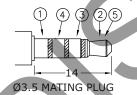


When measured at a current of less than 100 mA/1 kHz
All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

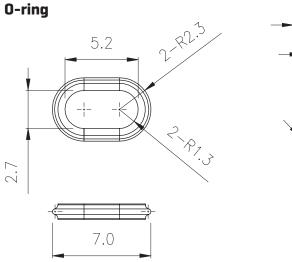
MECHANICAL DRAWING

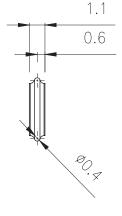
units: mm tolerance: $X.X \pm 0.2 \text{ mm}$ $X.XX \pm 0.15 mm$ PCB: ±0.05 mm



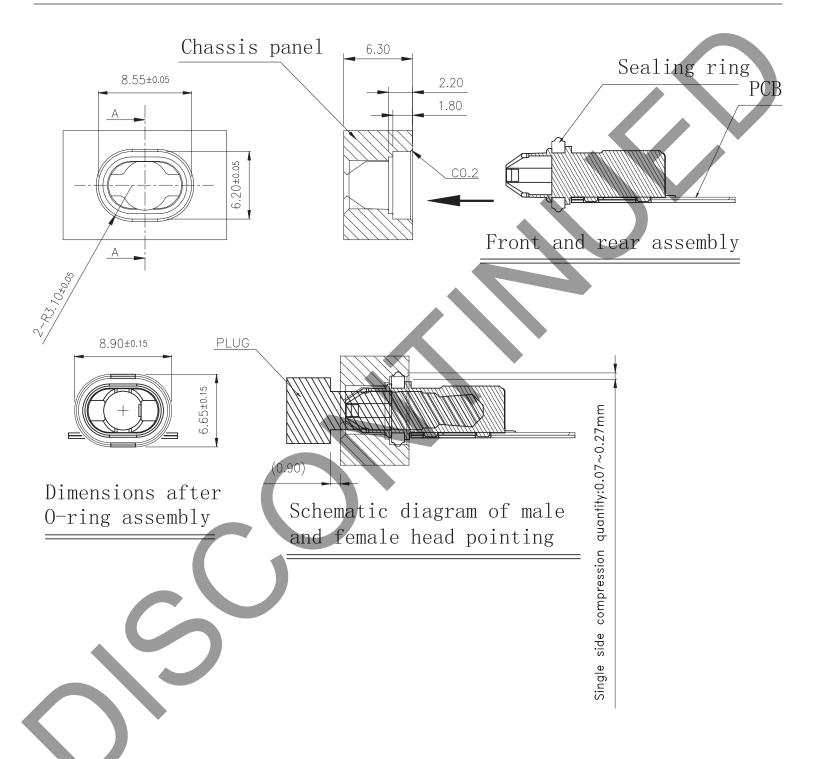


Schematic	01
PIN	02
1	sleeve
2	tip
3	ring 1
4	ring 2
5	tip





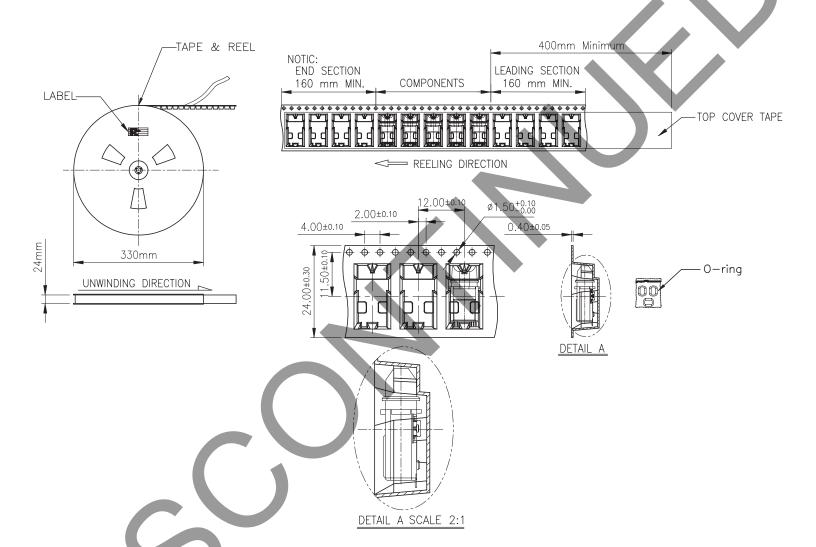
ASSEMBLY REFERENCE



PACKAGING

units: mm

Reel Size: Ø330 mm Reel QTY: 800 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	01/29/2019
1.01	brand update	10/08/2019

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



CUI DEVICES

CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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