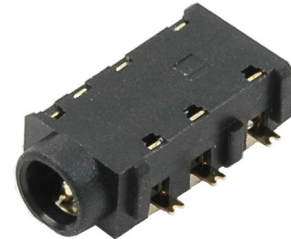


**SERIES:** SJ-4361X-SMT | **DESCRIPTION:** AUDIO JACK**FEATURES**

- mid mount for low profile applications
- 4 conductor
- multiple switch configurations

**PART NUMBER KEY****SJ - 4361 X - SMT - TR**

Base Number

Switch Options

4 = no switch
5TS = tip switch
6 = tip and ring switch
7 = tip, ring 1, and ring 2 switch

Packaging:

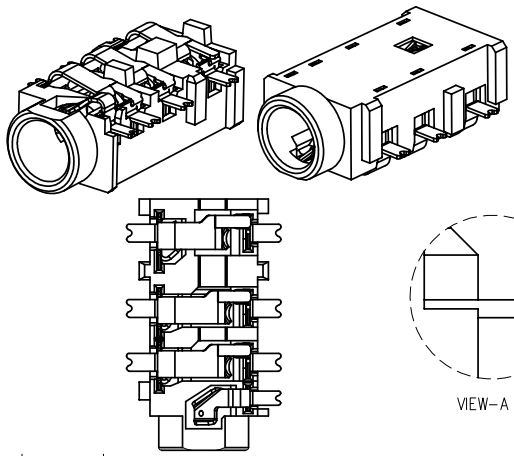
TR = Tape & Reel

SPECIFICATIONS

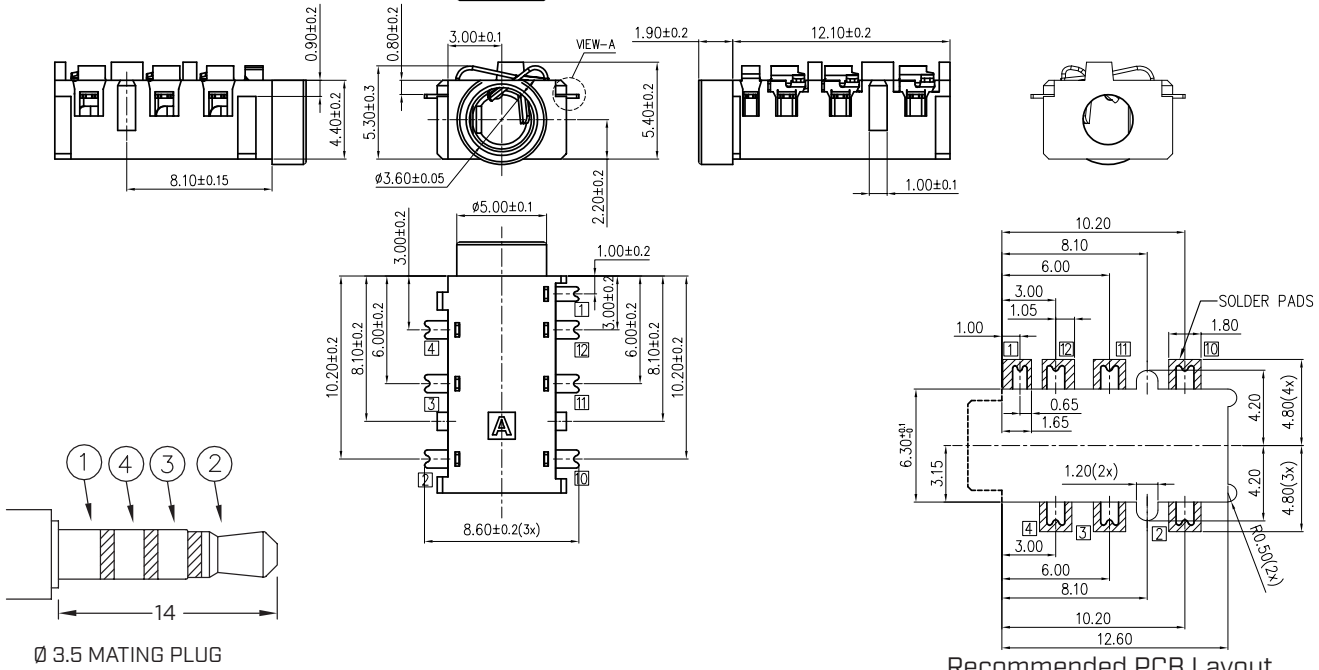
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance	between terminal and mating plug			50	mΩ
	between terminal in a closed circuit			30	mΩ
insulation resistance		100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

MECHANICAL DRAWING

units: mm
tolerance:
X.X ± 0.50 mm
X.XX ± 0.30 mm
X.XXX ± 0.15 mm
PCB: ± 0.05 mm
unless otherwise specified

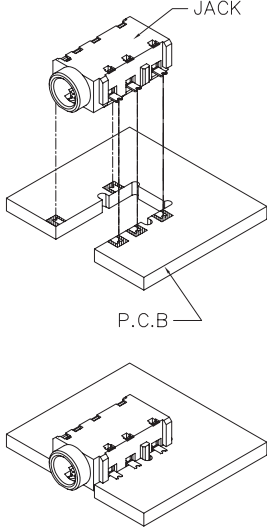


DESCRIPTION	MATERIAL	PLATING/COLOR
terminal [1-4]	copper alloy	gold flash over nickel
terminal [10-12]	copper alloy	gold flash over nickel
housing	PA10T [UL94V-0]	black



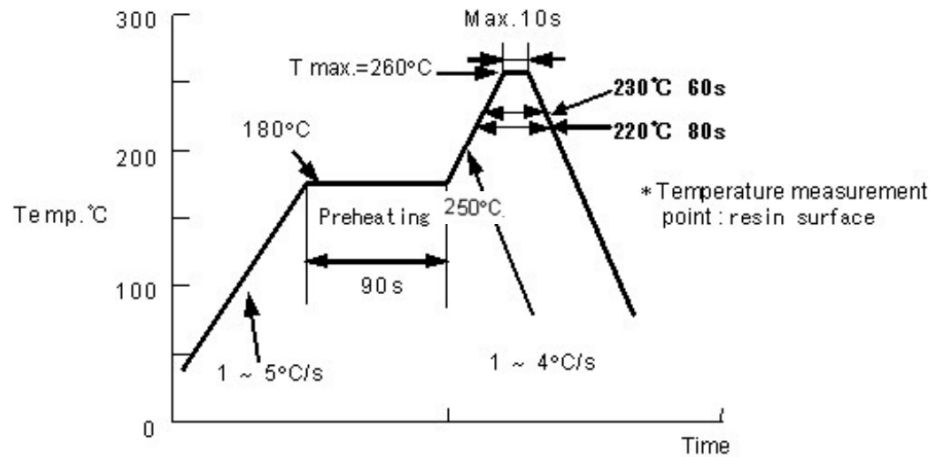
Recommended PCB Layout
Top View

Model No.	SJ-43614-SMT	SJ-43615TS-SMT	SJ-43616-SMT	SJ-43617-SMT
Schematic				
PIN				
1	sleeve	sleeve	sleeve	sleeve
2	tip	tip	tip	tip
3	ring 1	ring 1	ring 1	ring 1
4	ring 2	ring 2	ring 2	ring 2
10	NP	tip switch	tip switch	tip switch
11	NP	NP	ring 1 switch	ring 1 switch
12	NP	NP	NP	ring 2 switch



SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	5~35°C, <75% humidity				°C
reflow soldering	see reflow profile			260	°C
drying conditions	bake at 120°C for 4 hours				

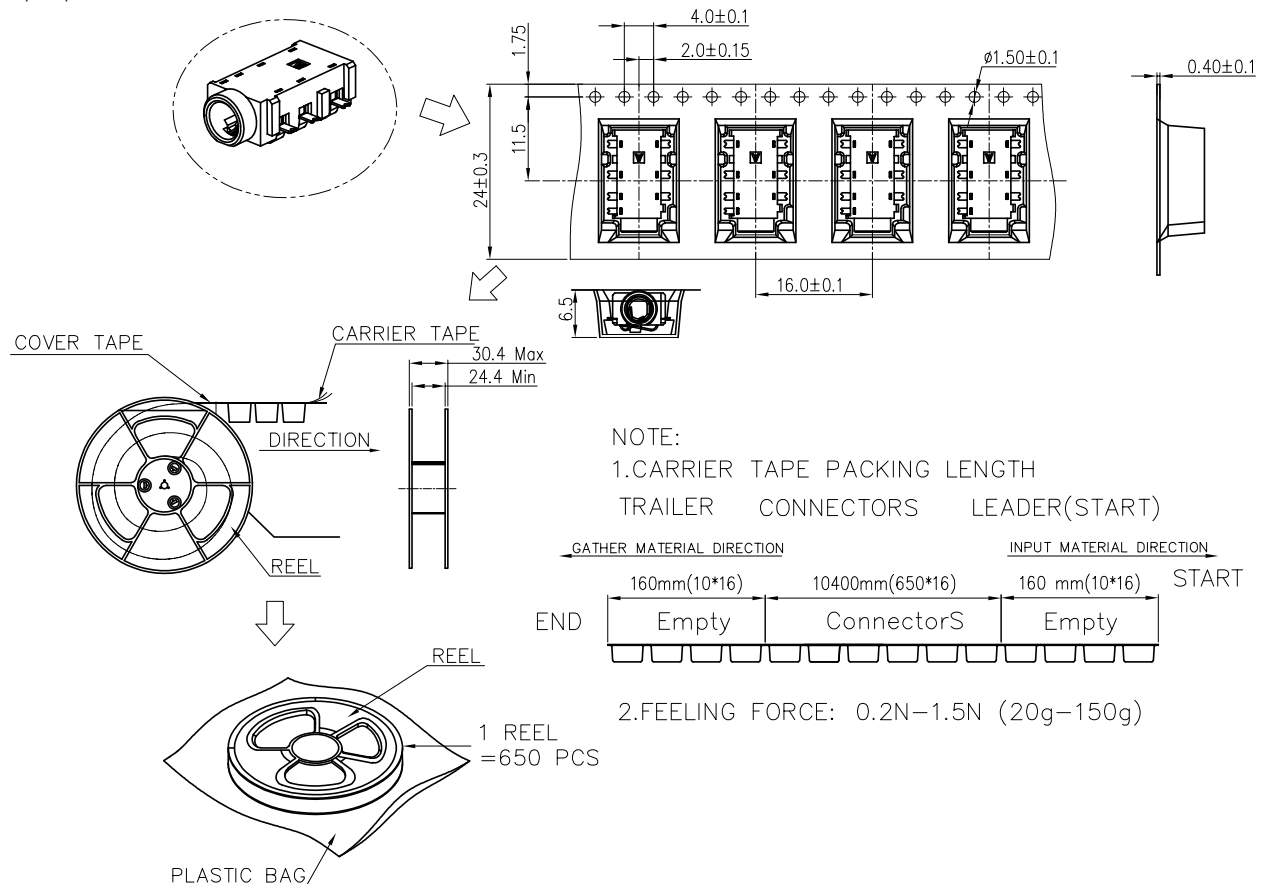


PACKAGING

units: mm

Reel Size: Ø330 mm

Reel QTY: 650 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	06/27/2011
1.01	new template applied	06/06/2012
1.02	added TR package option	11/01/2012
1.03	updated PCB layout	08/06/2013
1.04	updated drawing	02/20/2015
1.05	added storage and drying conditions, and tape and reel packaging details	02/16/2018
1.06	brand update	10/09/2019
1.07	discontinued model SJ-43615RS-SMT-TR; logo, datasheet style update	08/18/2022
1.08	product reengineered for improved manufacturability and production yield, see PCN for details	06/29/2023
1.09	product reengineered for improved manufacturability and production yield, see PCN for details	07/16/2024
1.10	CUI Devices rebranded to Same Sky	09/12/2024
1.11	manufacturing process improvement, see PCN for details	02/05/2025

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.

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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.

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