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MODEL: SJ2-35364B-SMT-TR | DESCRIPTION: AUDIO JACK

FEATURES

- tip switch
- low profile design
- reflow solder compatible
- surface mount
- suitable for medical applications

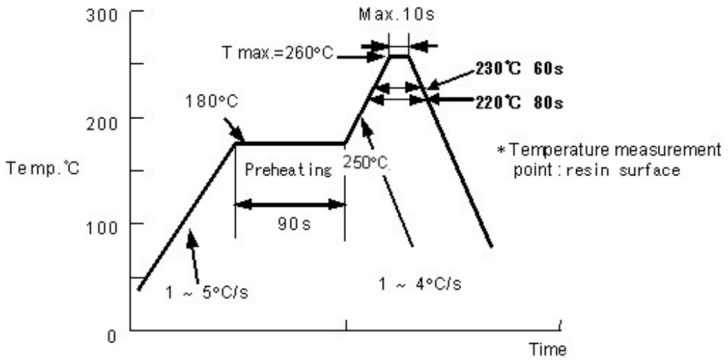
RoHS

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 between terminal in a closed circuit			50 30	mΩ 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

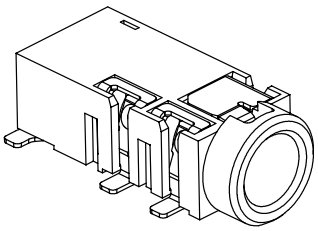
parameter	conditions/description	min	typ	max	units
reel storage	5~35°C, <75% humidity				°C
reflow soldering	see reflow profile			260	°C
drying conditions	bake at 120°C for 4 hours				

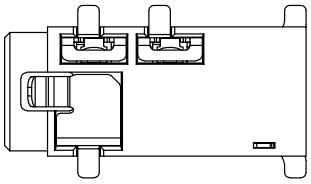


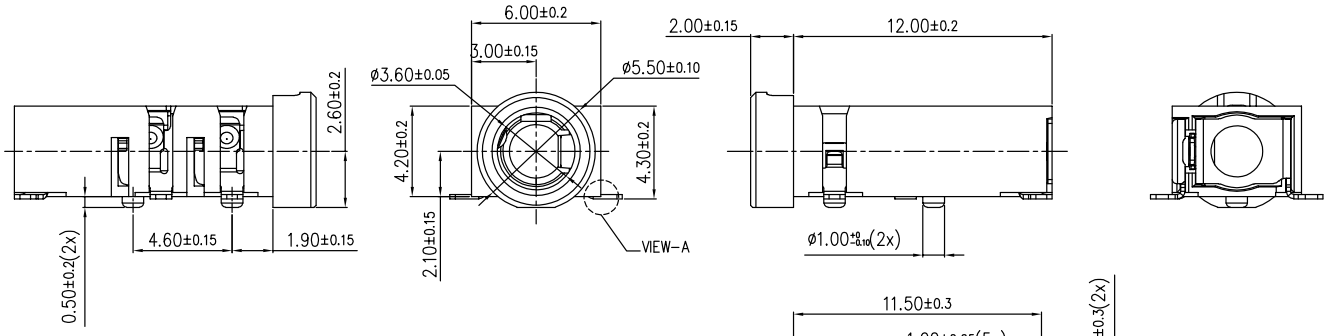
MECHANICAL DRAWING

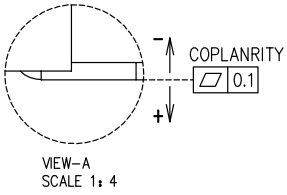
units: mm
tolerance:
X.X ±0.50 mm
X.XX ±0.30 mm
X.XXX ±0.15 mm
PCB: ±0.05 mm

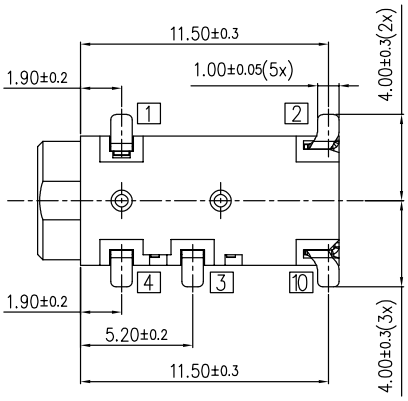
DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	copper alloy	silver
terminal 2	copper alloy	silver
terminal 3	copper alloy	silver
terminal 4	copper alloy	silver
terminal 10	copper alloy	silver
housing	PA10T (UL94V-0)	black

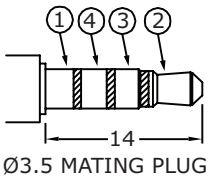




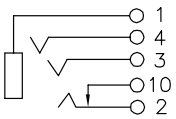


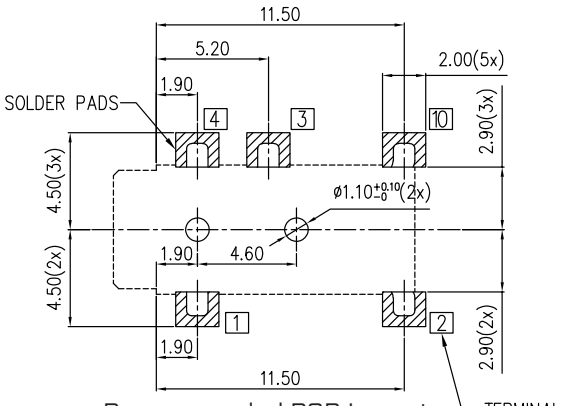






Ø3.5 MATING PLUG

Model No.	SJ2-35364B-SMT-TR
Schematic	
PIN	
1	sleeve
2	tip
3	ring 1
4	ring 2
10	tip switch

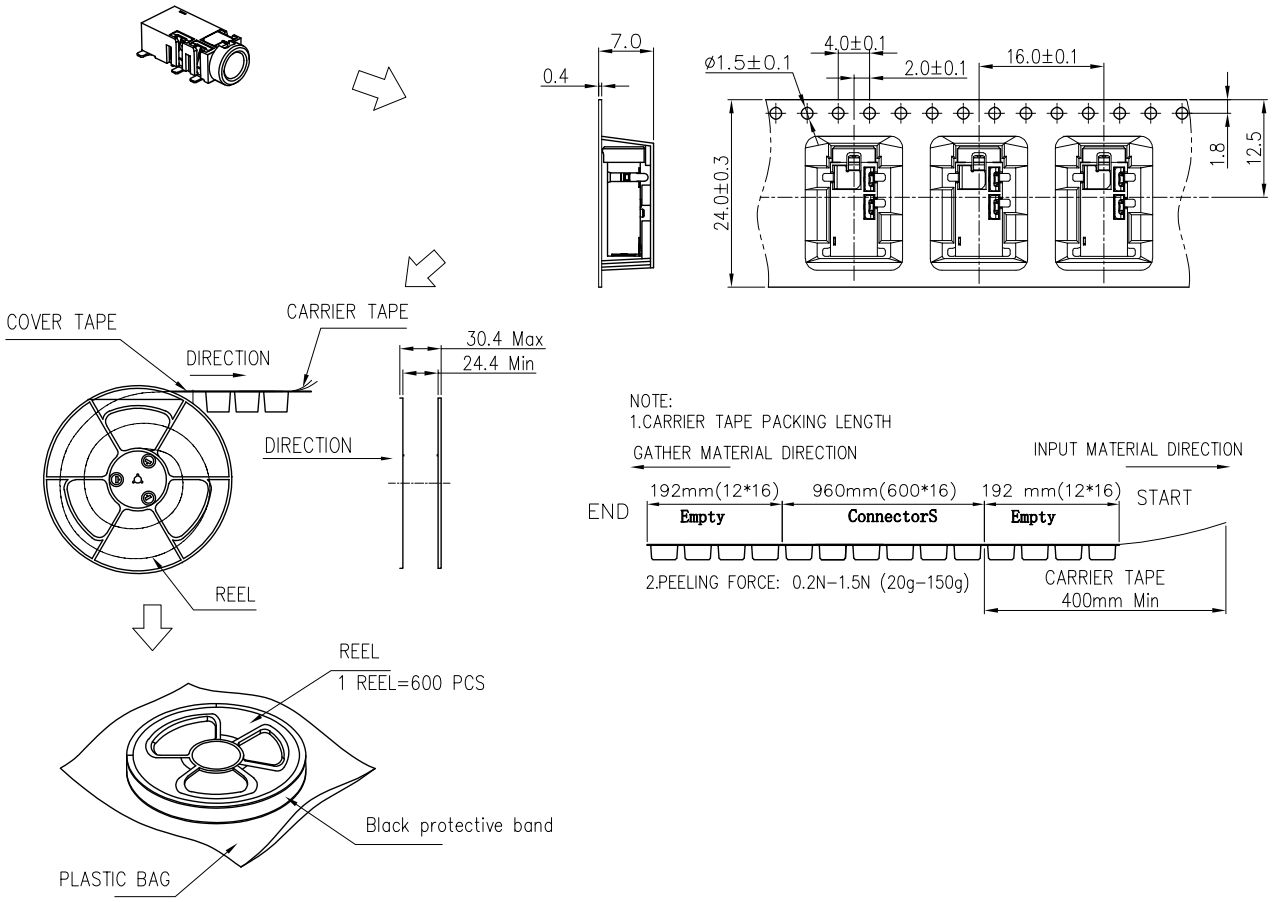


Recommended PCB Layout
Top View

PACKAGING

units: mm

Reel Size: Ø330 mm
Reel QTY: 600 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	12/12/2016
1.01	added storage and drying conditions	06/23/2017
1.02	brand update	10/14/2019
1.03	product reengineered for improved manufacturability and production yield, see PCN for details	06/07/2023
1.04	CUI Devices rebranded to Same Sky	09/12/2024
1.05	product reengineered for improved manufacturability and production yield, see PCN for details	11/05/2024

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

same sky

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

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