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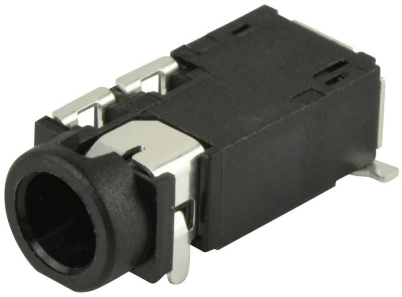
MODEL: SJ2-35464B-SMT-TR | DESCRIPTION: AUDIO JACK

FEATURES

- tip switch
- low profile design
- reflow solder compatible
- surface mount



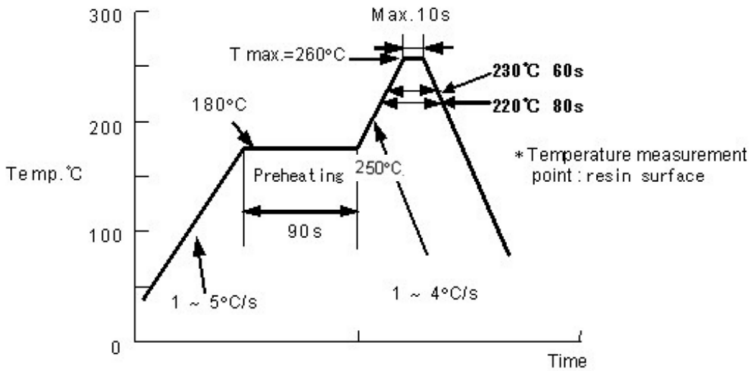
RoHS

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

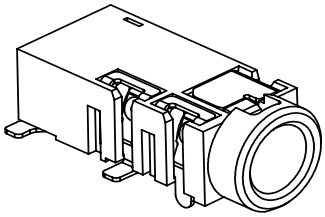
parameter	conditions/description	min	typ	max	units
reel storage	5~35°C, <75% humidity				°C
reflow soldering	see reflow profile			260	°C
drying conditions	bake at 120°C for 4 hours				

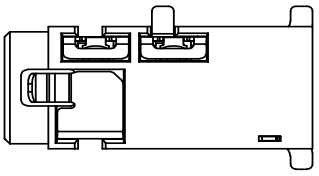


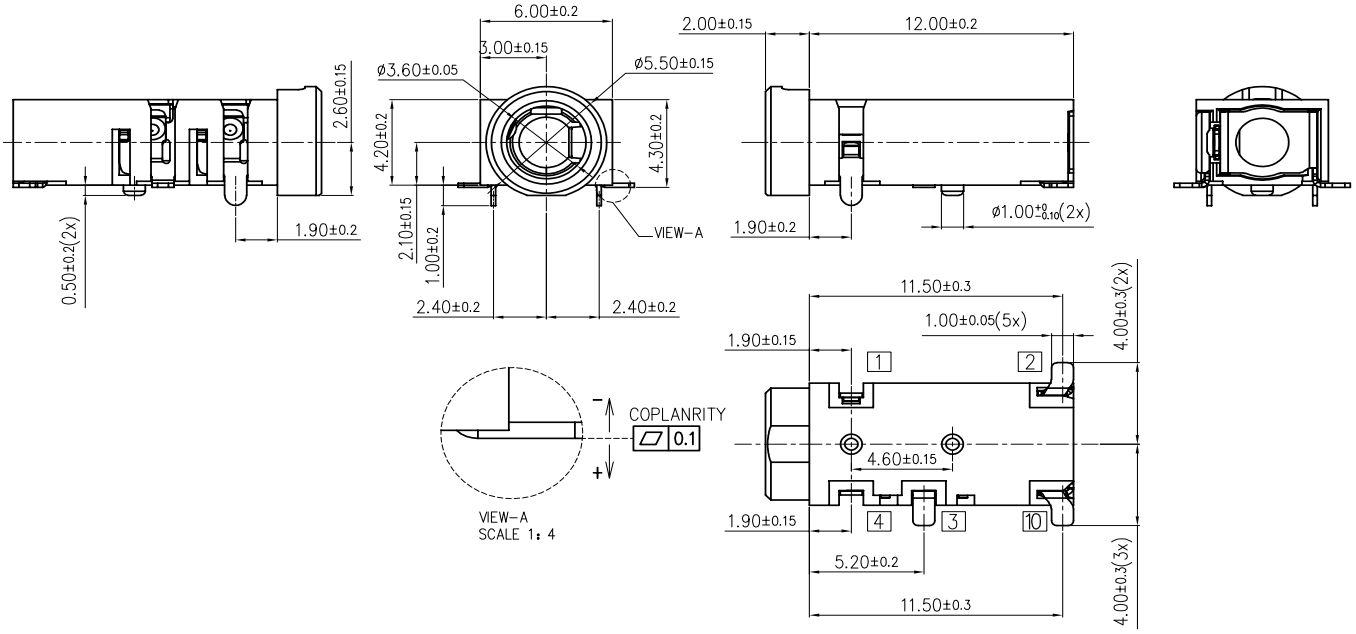
MECHANICAL DRAWING

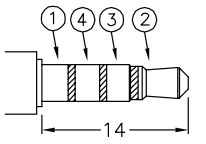
units: mm
tolerance:
X.X ±0.50 mm
X.XX ±0.30 mm
X.XXX ±0.15 mm
PCB: ±0.05 mm
unless otherwise specified

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

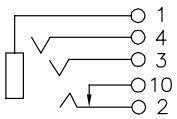


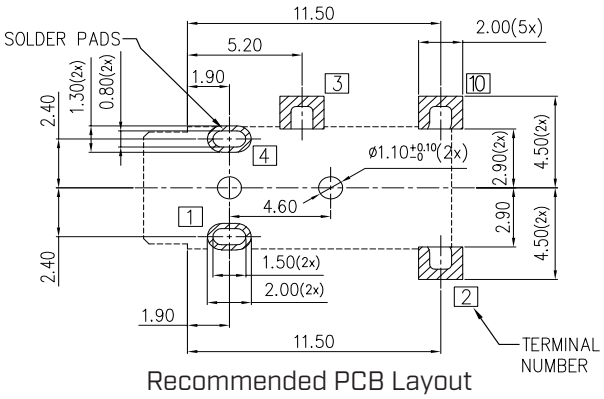






Ø 3.5 MATING PLUG

Model No.	SJ2-35464B-SMT-TR
Schematic	
PIN	
1	sleeve
2	tip
3	ring 1
4	ring 2
10	tip switch

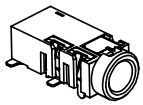


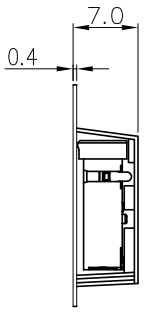
Recommended PCB Layout
Top View

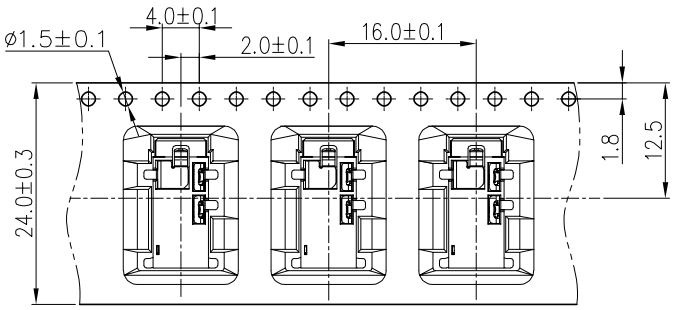
PACKAGING

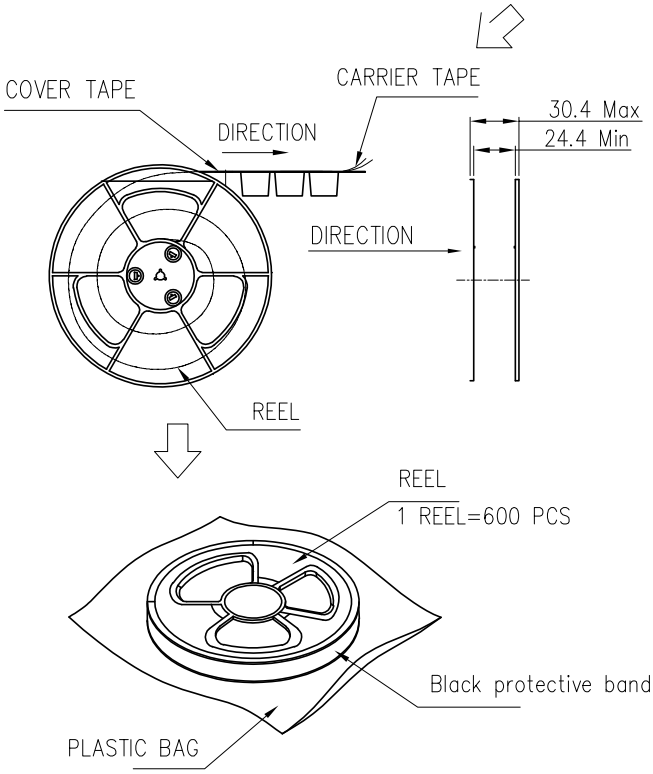
units: mm

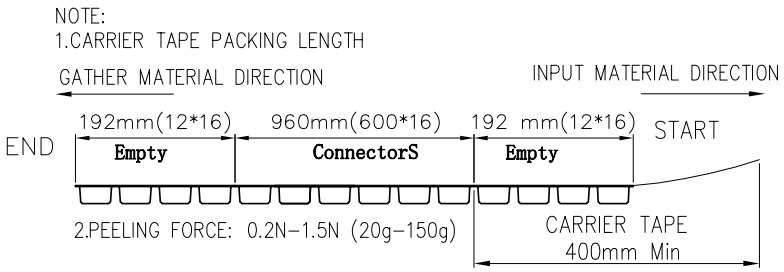
Reel Size: Ø330 mm
Reel QTY: 600 pcs per reel











REVISION HISTORY

rev.	description	date
1.0	initial release	12/12/2016
1.01	added storage and drying details	07/21/2017
1.02	brand update	10/14/2019
1.03	updated datasheet	10/03/2023
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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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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