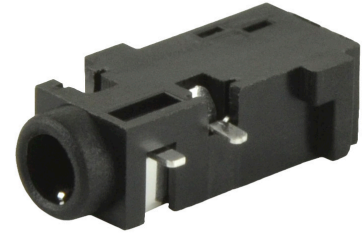
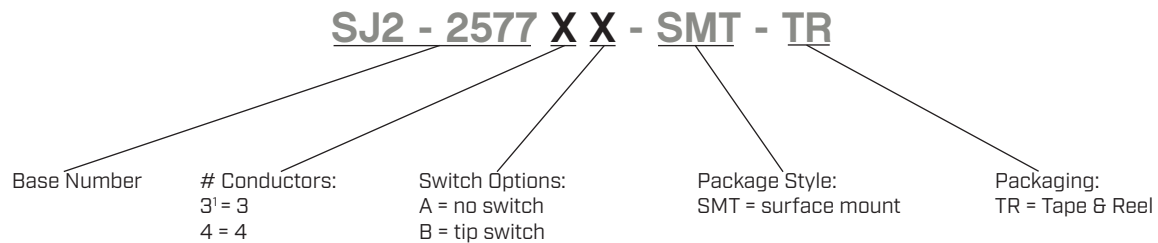


**SERIES:** SJ2-2577X-SMT | **DESCRIPTION:** AUDIO JACK**FEATURES**

- mid mount SMT for low profile designs
- right angle
- reflow solder compatible

**PART NUMBER KEY**

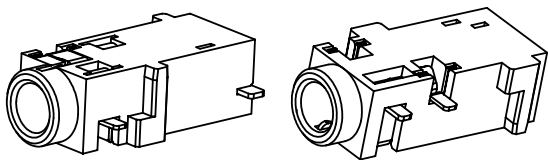
Note: 1. 3 conductor option only available with tip switch

SPECIFICATIONS

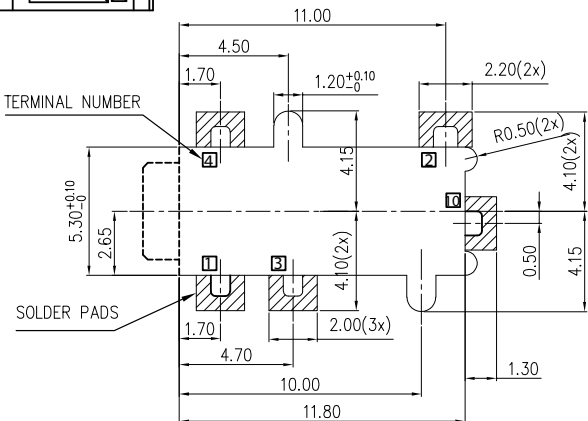
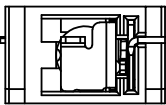
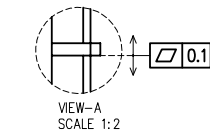
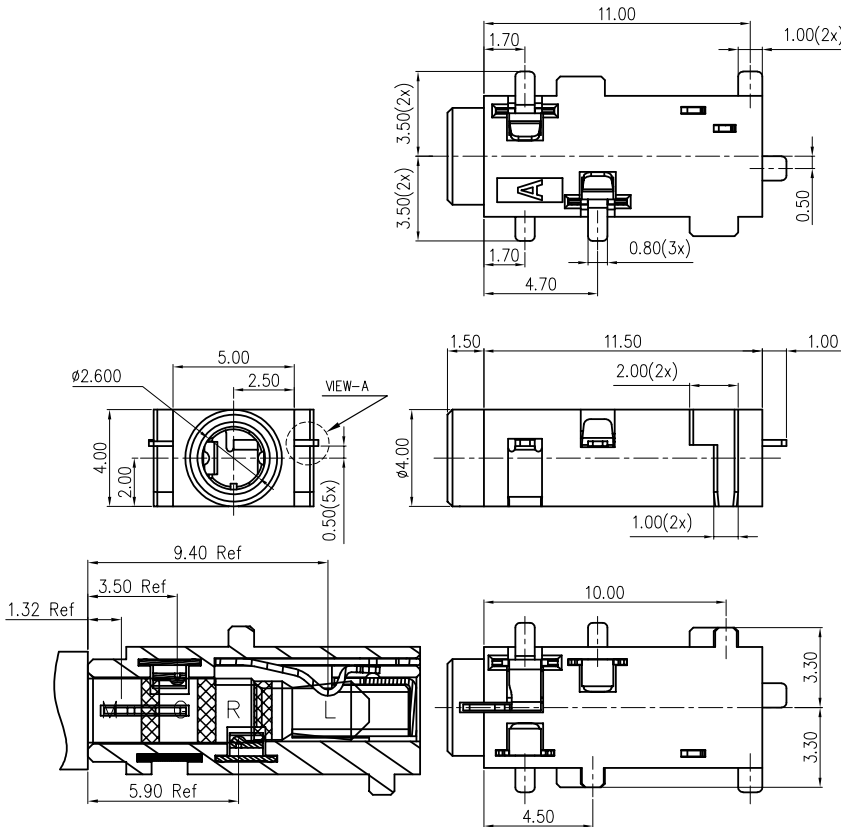
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force	SJ2-25774A-SMT-TR model	0.3		3	kg
	SJ2-25773B-SMT-TR & SJ2-25774B-SMT-TR models	0.6		6	kg
operating temperature		-25		85	°C
life			10,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

MECHANICAL DRAWING

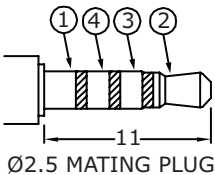
units: mm
tolerance:
X.X ±0.30 mm
X.XX ±0.20 mm
X.XXX ±0.10 mm
unless otherwise specified



DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	C5210R-SH t=0.25	silver over nickel
terminal 2	C5210R-SH t=0.25	silver over nickel
terminal 3	C5210R-SH t=0.20	silver over nickel
terminal 4	C5210R-SH t=0.20	silver over nickel
terminal 10	C2680-EH t=0.25	silver over nickel
housing	PA10T [UL94V-0]	black



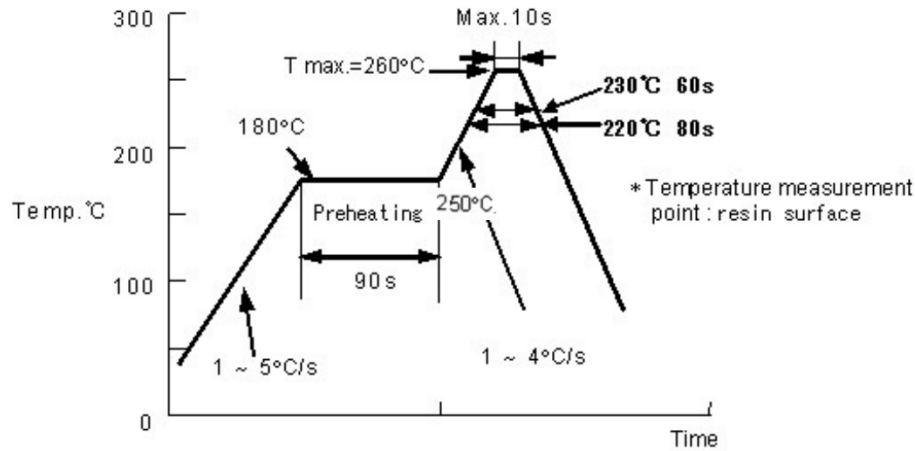
Recommended PCB Layout
Top View



Model No.	SJ2-25773B-SMT	SJ2-25774A-SMT	SJ2-25774B-SMT
Schematic			
PIN			
1	NP	sleeve	sleeve
2	tip	tip	tip
3	ring 1	ring 1	ring 1
4	ring 2	ring 2	ring 2
10	tip switch	NP	tip 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				

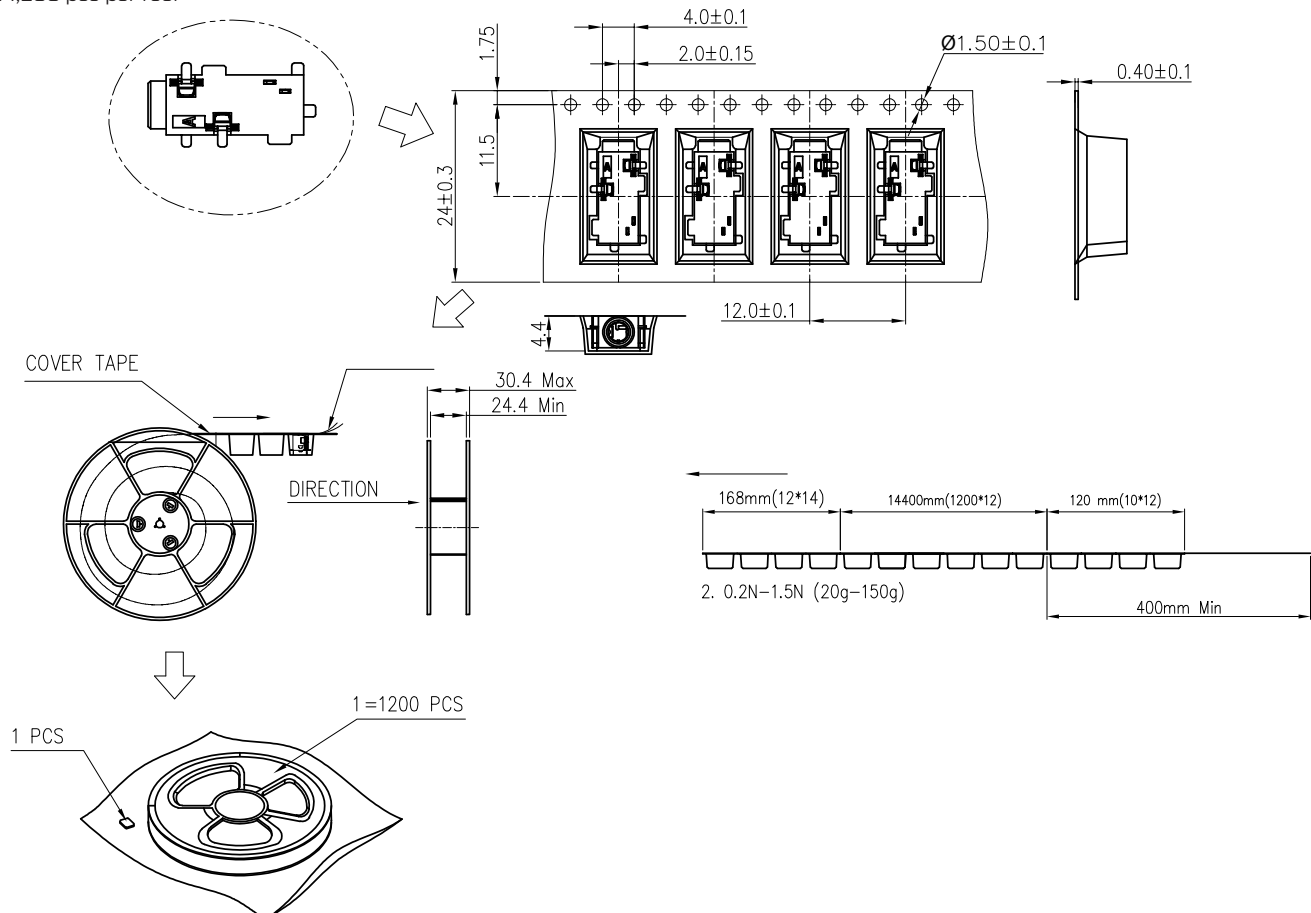


PACKAGING

units: mm

Reel Size: Ø330 mm

Reel QTY: 1,200 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	12/02/2016
1.01	added storage and drying conditions	05/31/2017
1.02	brand update	10/04/2019
1.03	product reengineered for improved manufacturability and production yield, see PCN for details	04/21/2023
1.04	mating life cycles updated, drawing updated	06/29/2023
1.05	product reengineered for improved manufacturability and production yield, see PCN for details	06/05/2024
1.06	CUI Devices rebranded to Same Sky	09/12/2024
1.07	changed insertion/withdrawal force on SJ2-25774A-SMT-TR, added terminal contact locations	10/07/2024

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.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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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