

**MODEL:** SJ2-25414D-SMT-TR | **DESCRIPTION:** AUDIO JACK

FEATURES

- gold terminal plating
- reflow solder compatible
- surface mount

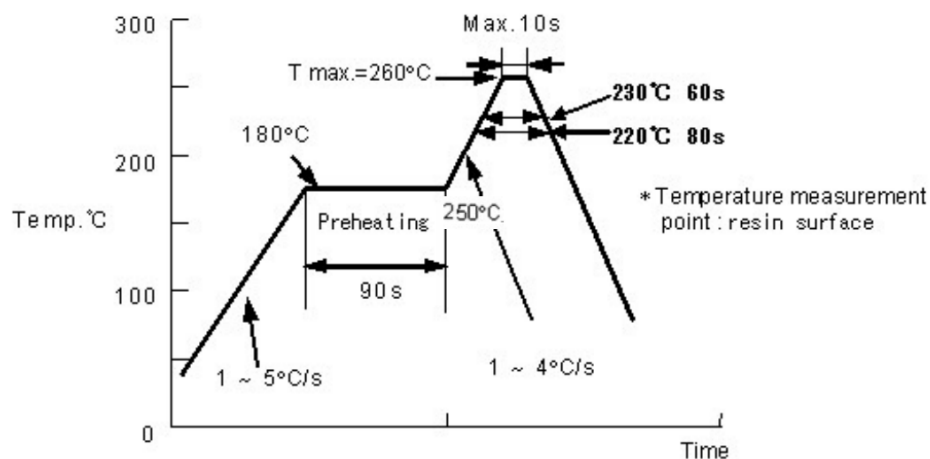


SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance				30	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				

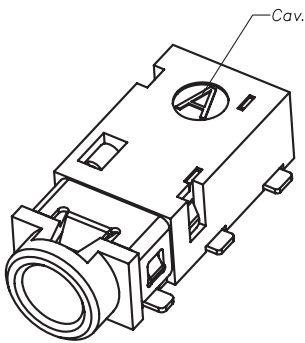
SOLDERABILITY

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				

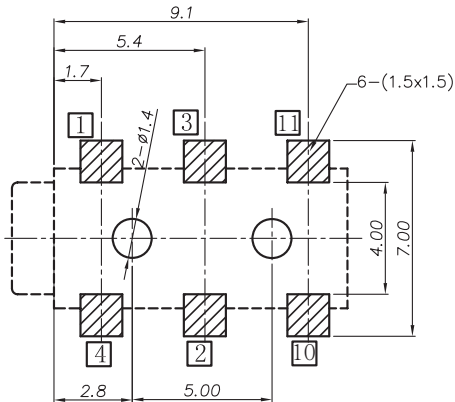
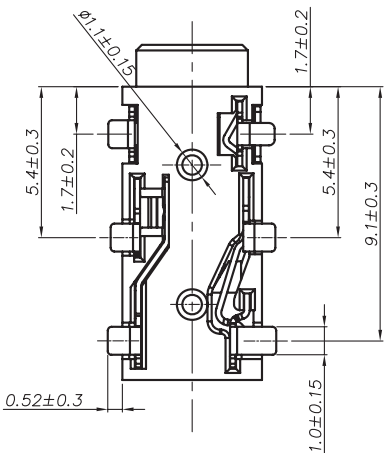
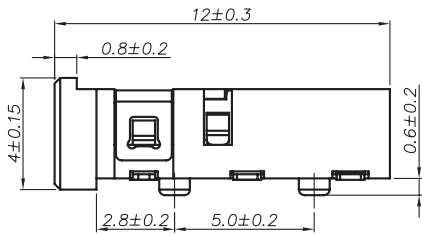
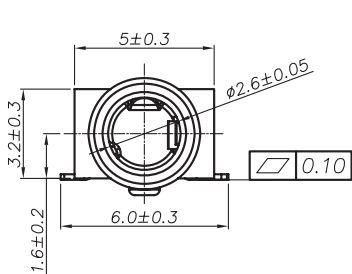


MECHANICAL DRAWING

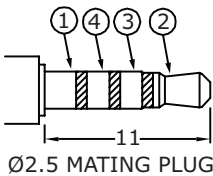
units: mm
tolerance:
X.X ±0.50 mm
X.XX ±0.30 mm
X.XXX ±0.15 mm
PCB: ±0.05 mm



DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	phosphor bronze t=0.2	gold
terminal 2	phosphor bronze t=0.2	gold
terminal 3	phosphor bronze t=0.2	gold
terminal 4	phosphor bronze t=0.2	gold
terminal 10	phosphor bronze t=0.2	gold
terminal 11	phosphor bronze t=0.2	gold
housing	PA10T (UL94V-0)	black



Recommended PCB Layout
Top View



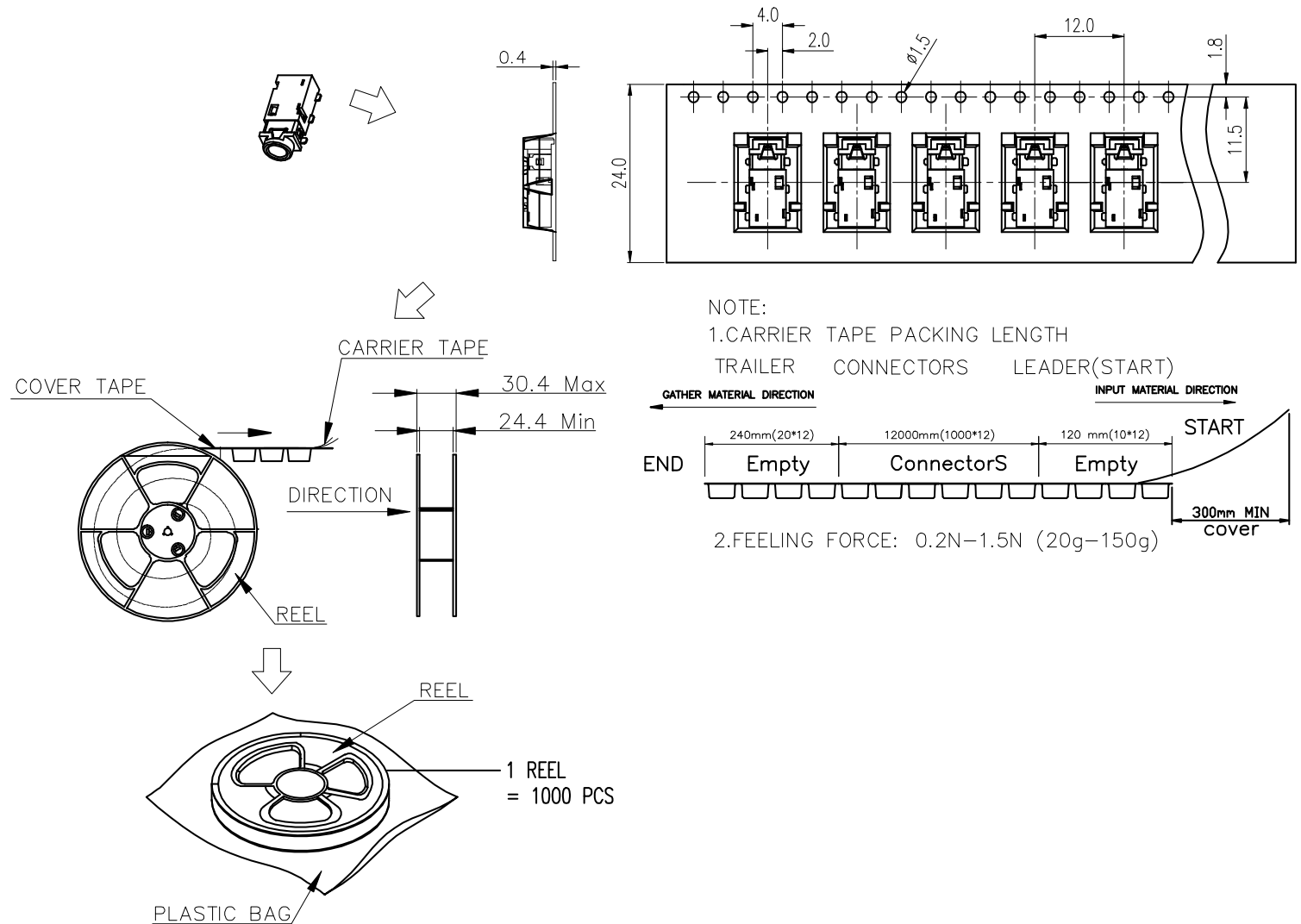
Model No.	SJ2-25414D-SMT
Schematic	
PIN	
1	sleeve
2	tip
3	ring 1
4	ring 2
10	tip switch
11	ring 1 switch

PACKAGING

units: mm

Reel Size: Ø330 mm

Reel QTY: 1,000 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	12/02/2016
1.01	added storage and drying conditions	06/06/2017
1.02	brand update	10/04/2019
1.03	discontinued models SJ2-25414C-SMT-TR, SJ2-25414B-SMT-TR & SJ2-25414A-SMT-TR; logo, datasheet style update	08/18/2022
1.04	product reengineered for improved manufacturability and production yield, see PCN for details	03/31/2023
1.05	product reengineered for improved manufacturability and production yield, see PCN for details	06/07/2024
1.07	CUI Devices rebranded to Same Sky	09/12/2024

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.

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