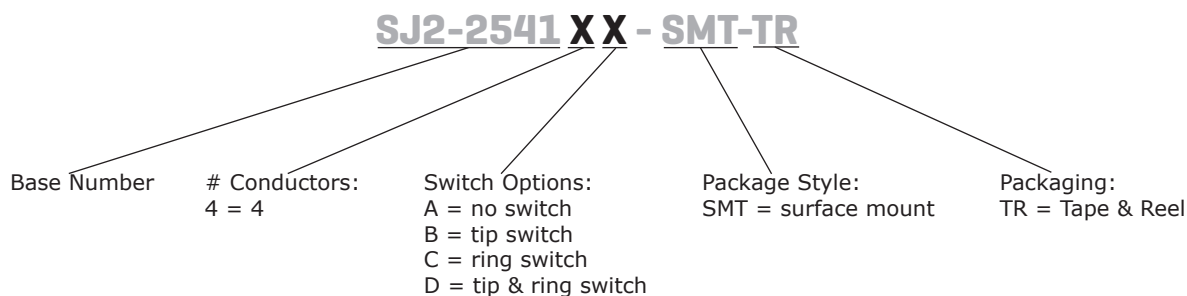


SERIES: SJ2-2541X-SMT | **DESCRIPTION:** AUDIO JACK
FEATURES

- gold flash terminal plating
- multiple switch configurations
- reflow solder compatible
- surface mount

**PART NUMBER KEY****SPECIFICATIONS**

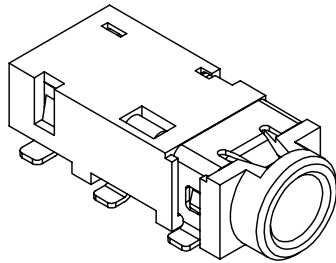
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life	at a rate of 24 cycles/minute		5,000		cycles
flammability rating	UL94V-0				
RoHS	2011/65/EU				

Note:

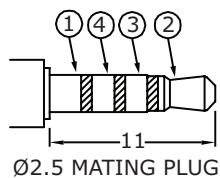
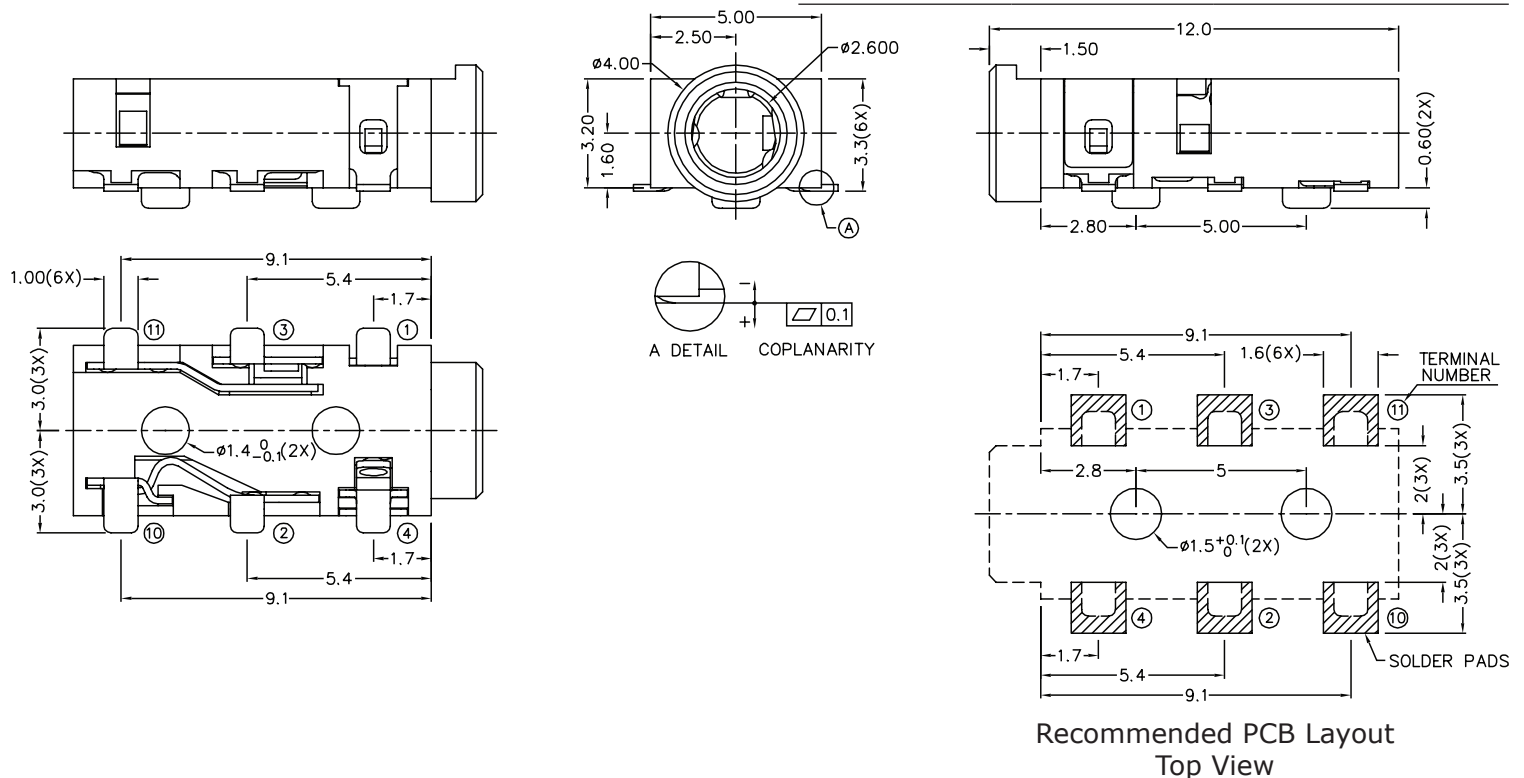
1. When measured at a current of less than 100 mA/1 kHz
2. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

MECHANICAL DRAWING

units: mm
 tolerance:
 X.X ± 0.2 mm
 X.XX ± 0.10 mm
 X.XXX ± 0.050 mm
 PCB: ± 0.05 mm



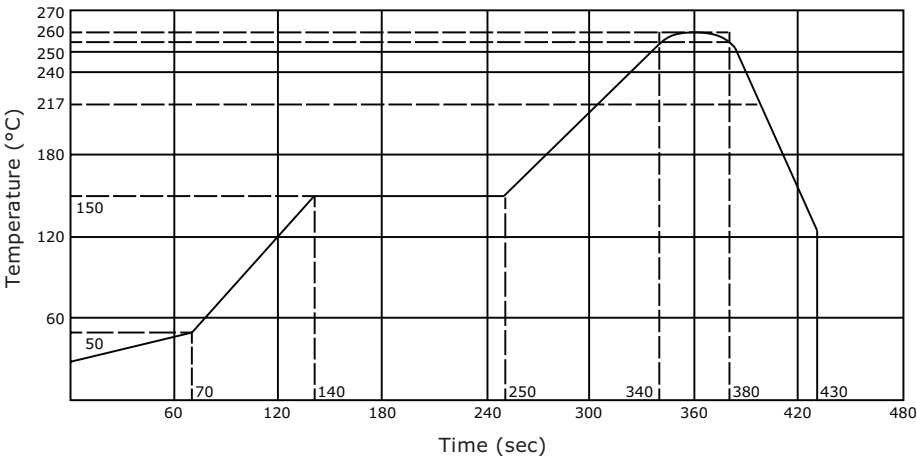
	MATERIAL	PLATING
terminal 1	copper alloy	gold flash
terminal 2	Ti-Cu	gold flash
terminal 3	copper alloy	gold flash
terminal 4	copper alloy	gold flash
terminal 10	brass	gold flash
terminal 11	brass	gold flash
plastic	PA10T	



Model No.	SJ2-25414A-SMT	SJ2-25414B-SMT	SJ2-25414C-SMT	SJ2-25414D-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	NP	tip switch
11	NP	NP	ring 1 switch	ring 1 switch

SOLDERABILITY

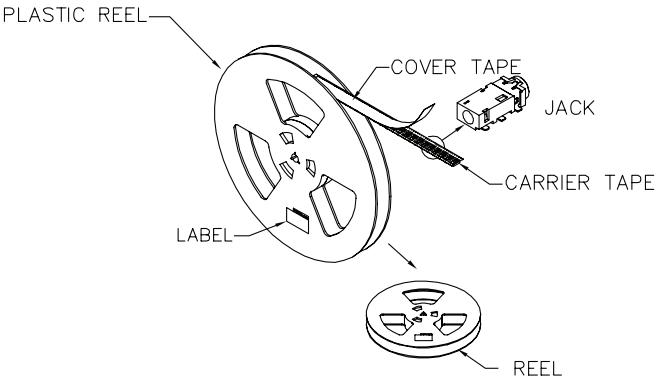
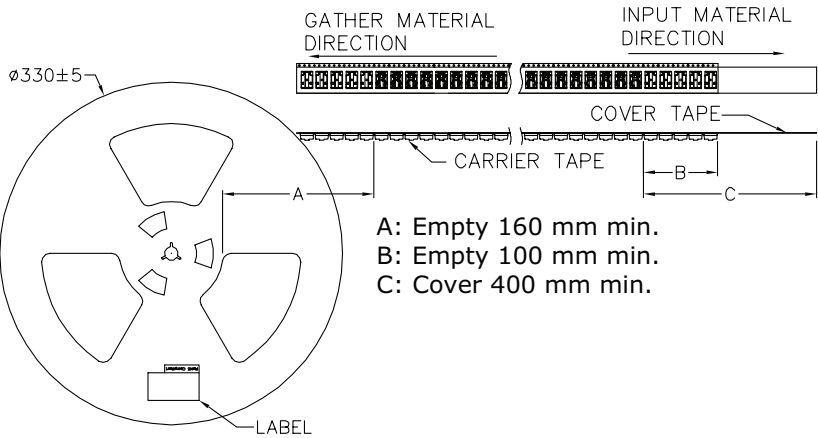
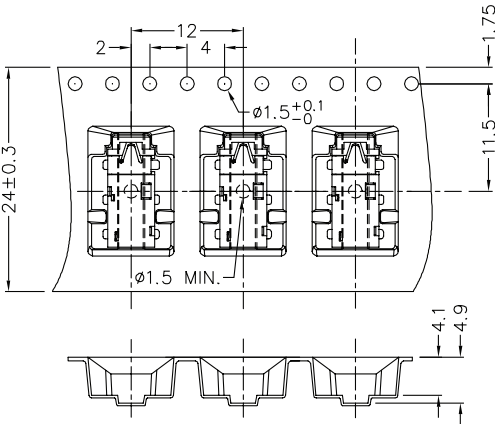
parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile	255	260	265	°C



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

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



CUI INC[®]

Headquarters
20050 SW 112th Ave.
Tualatin, OR 97062
800.275.4899

Fax 503.612.2383
cui.com
techsupport@cui.com

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

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CUI 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.