SERIES: SJ-352X-SMT | DESCRIPTION: AUDIO JACK

FEATURES

- low profile design
- switch options inclue:
  - -no switch
  - -tip switch

PART NUMBER KEY

SJ - 352 X - SMT - TR - X

- Base Number
- Switch Options:
  3 = no switch
  4 = tip switch
- Package Style:
  SMT = surface mount
- Packaging:
  TR = Tape & Reel
- Color Options:
  "blank" = black
  BE = blue[1]
  GR = green[1]
  PI = pink[1]

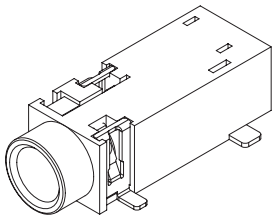
Note: 1. Tip switch option only

SPECIFICATIONS

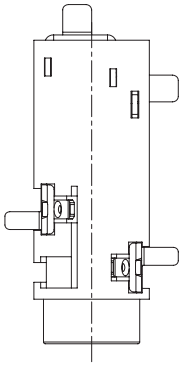
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance				50	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

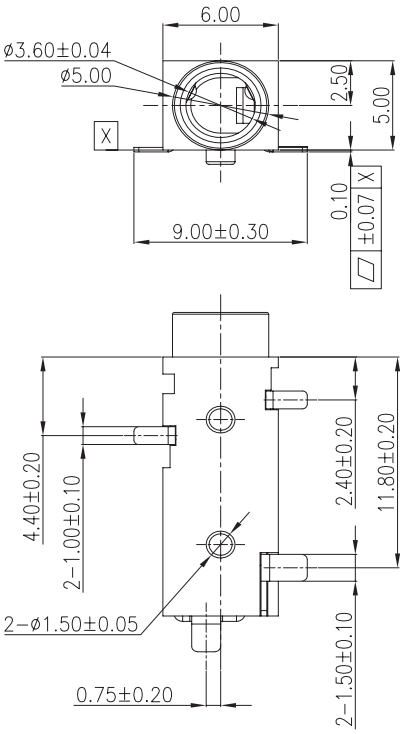
MECHANICAL DRAWING

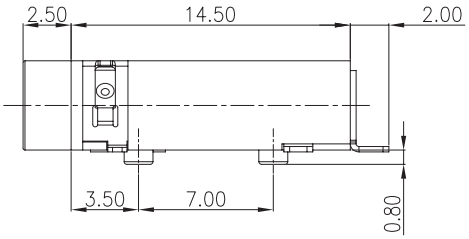
units: mm
tolerance:
X. ±0.5 mm
X.X ±0.3 mm
X.XX ±0.20 mm
PCB: ±0.05 mm

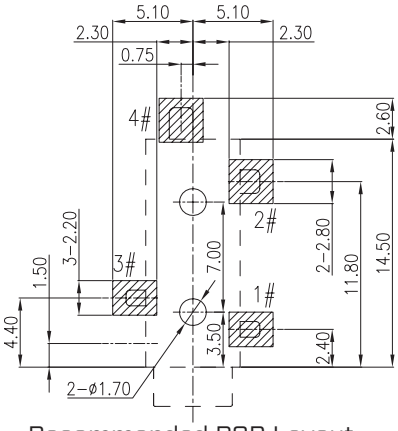


DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	copper alloy	silver
terminal 2	copper alloy	silver
terminal 3	copper alloy	silver
terminal 4	copper alloy	silver
housing	PA10T (UL94V-0)	see part number key

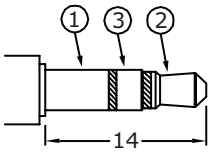




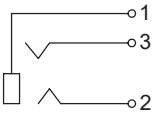
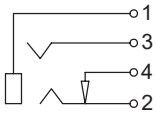




Recommended PCB Layout
Top View



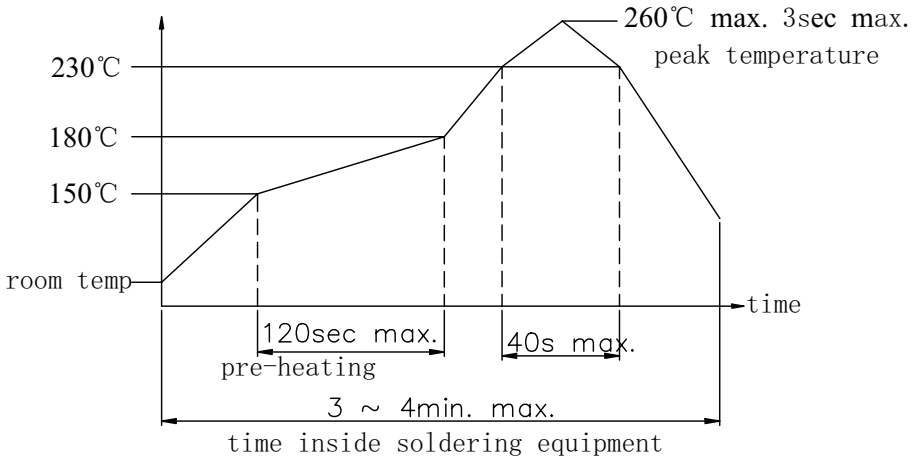
Ø3.5 MATING PLUG

Model No.	SJ-3523-SMT	SJ-3524-SMT
Schematic		
PIN		
1	sleeve	sleeve
2	tip	tip
3	ring	ring
4	NP	tip switch

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	-5~35°C, 25~80% humidity reel opened: use within 1 month reel unopened: use within 6 months				
reflow soldering	see reflow profile			260	°C

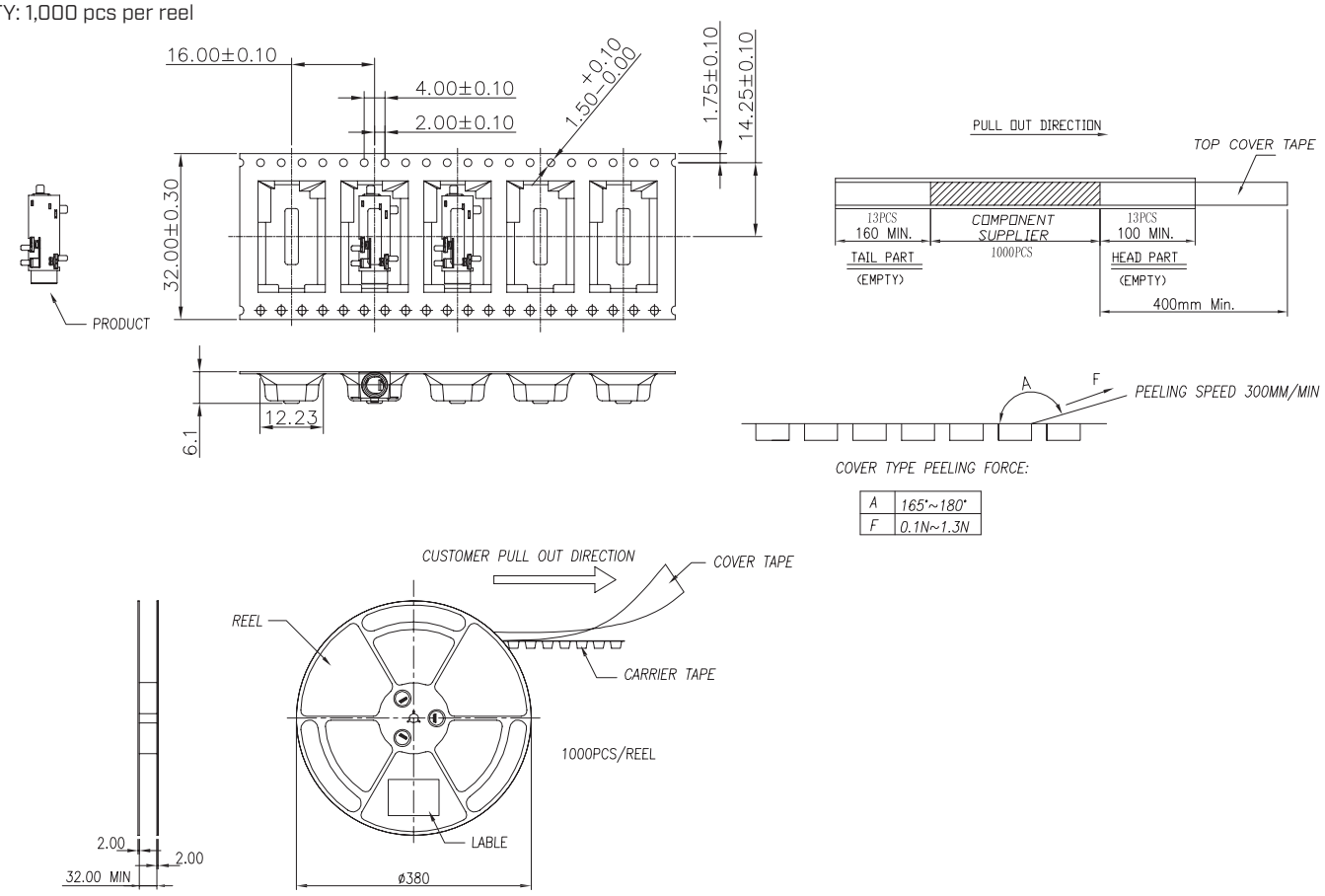
Note: 1. CUI Devices recommends usage of the product within 2 hours after T&R is opened. After 6 hours, CUI Devices recommends drying the parts prior to use.



PACKAGING

units: mm

Reel Size: Ø380 mm
Reel QTY: 1,000 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	02/07/2006
1.01	new remplate applied	01/25/2012
1.02	added TR package and color options	11/01/2012
1.03	added storage and drying conditions, and tape and reel packaging details	02/15/2018
1.04	brand update	10/09/2019
1.05	updated datasheet	08/24/2022

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

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

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