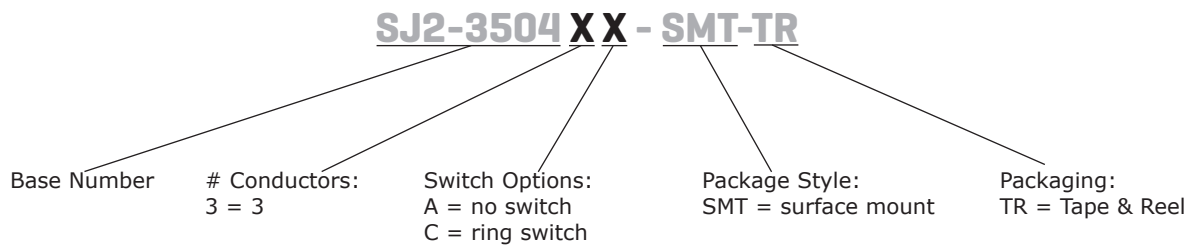


**SERIES:** SJ2-3504X-SMT | **DESCRIPTION:** AUDIO JACK
**FEATURES**

- gold flash terminal plating
- reflow solder compatible
- right angle
- surface mount

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

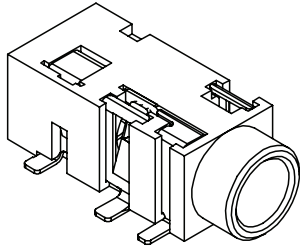
| parameter                       | conditions/description                                                   | min | typ   | max      | units    |
|---------------------------------|--------------------------------------------------------------------------|-----|-------|----------|----------|
| rated input voltage             |                                                                          |     | 12    |          | Vdc      |
| rated input current             |                                                                          |     |       | 1        | A        |
| contact resistance <sup>1</sup> | between terminal and mating plug<br>between terminal in a closed circuit |     |       | 50<br>30 | mΩ<br>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:

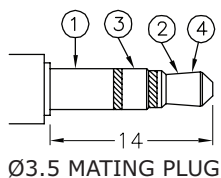
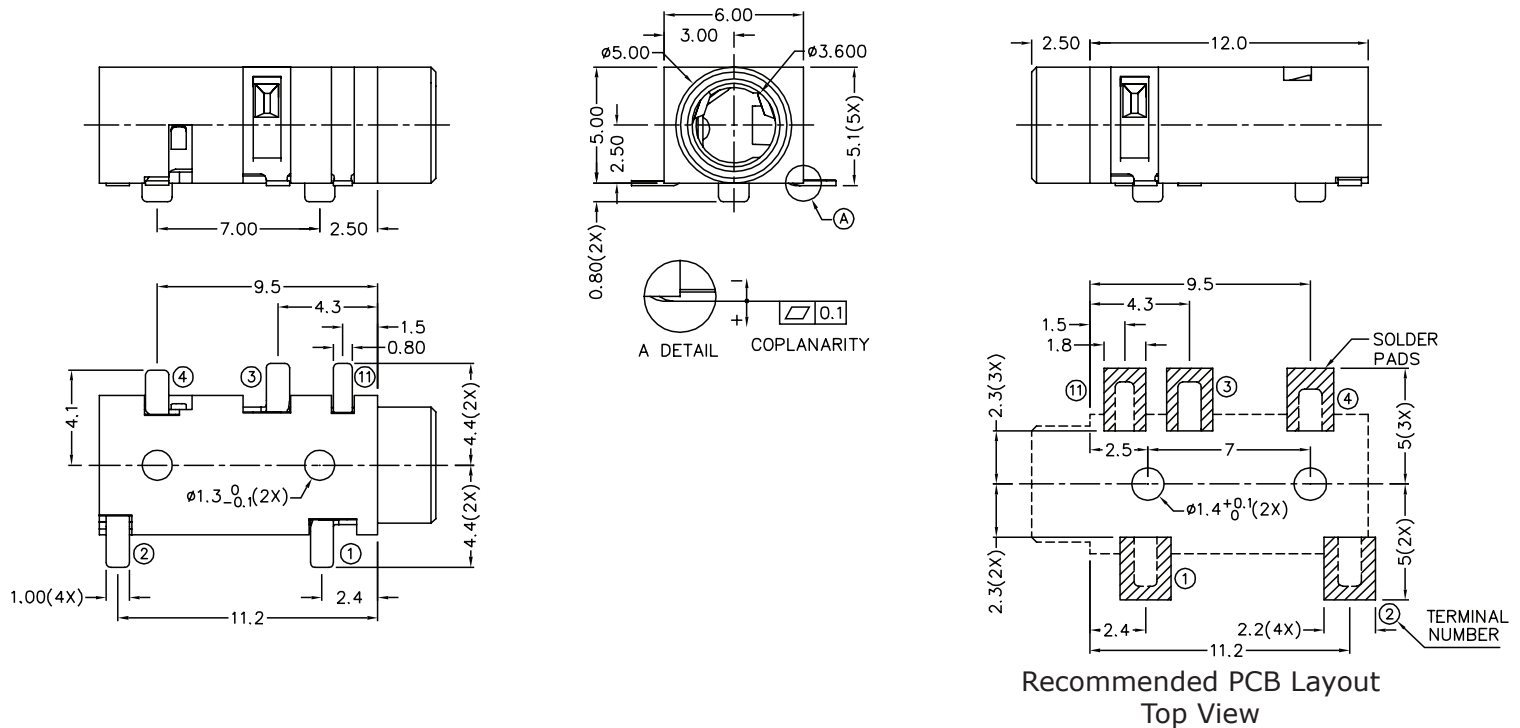
1. When measured at a current of less than 100 mA/1 kHz
2. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

## MECHANICAL DRAWING

units: mm  
 tolerance:  
 X.X  $\pm 0.2$  mm  
 X.XX  $\pm 0.10$  mm  
 X.XXX  $\pm 0.050$  mm  
 PCB:  $\pm 0.05$  mm



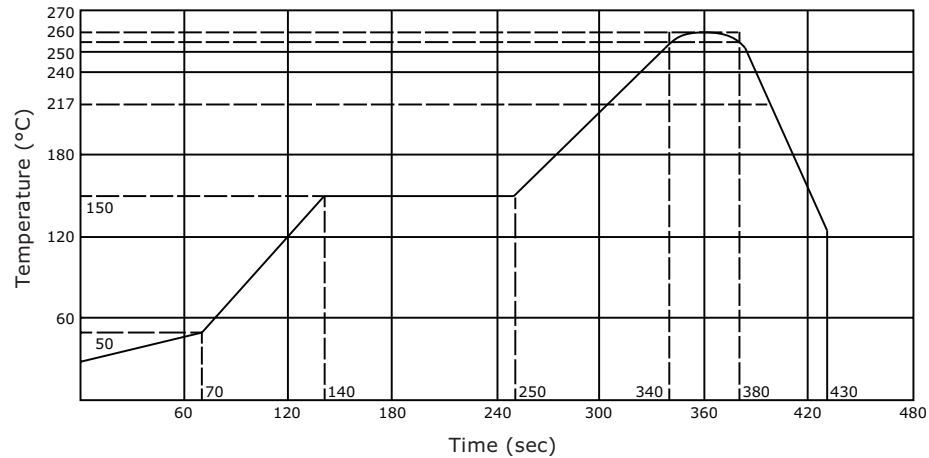
|             | MATERIAL     | PLATING    |
|-------------|--------------|------------|
| terminal 1  | copper alloy | gold flash |
| terminal 2  | copper alloy | gold flash |
| terminal 3  | copper alloy | gold flash |
| terminal 4  | copper alloy | gold flash |
| terminal 11 | copper alloy | gold flash |
| plastic     | PA10T        |            |



| Model No. | SJ2-35043A-SMT | SJ2-35043C-SMT |
|-----------|----------------|----------------|
| Schematic |                |                |
| PIN       |                |                |
| 1         | sleeve         | sleeve         |
| 2         | tip            | tip            |
| 3         | ring           | ring           |
| 4         | tip            | tip            |
| 11        | NP             | ring switch    |

## SOLDERABILITY

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

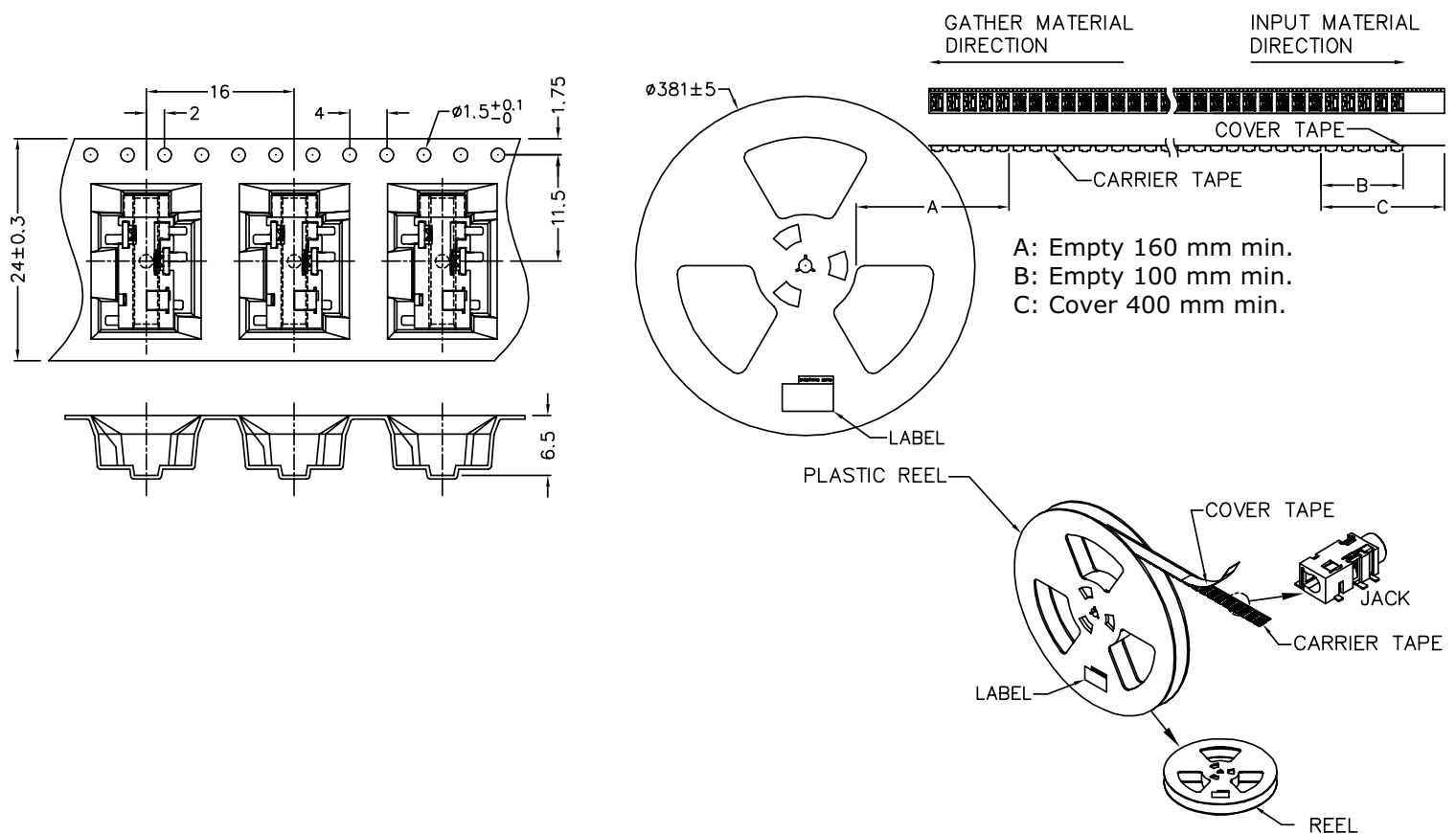


## PACKAGING

units: mm

Reel Size: Ø381 mm

Reel QTY: 900 pcs per reel



## REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 12/16/2016 |

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



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

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