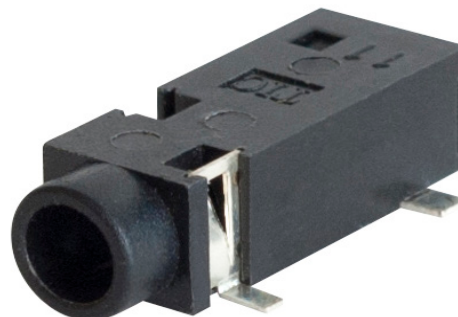


**MODEL:** MJ-3523-SMT-TR | **DESCRIPTION:** AUDIO JACK**FEATURES**

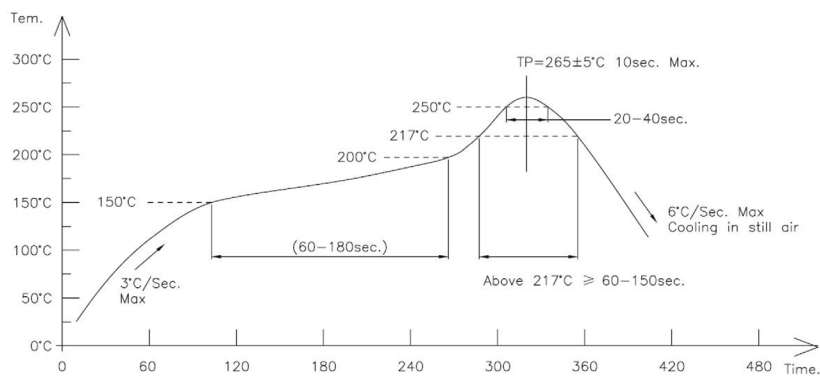
- 3.5 mm
- right angle
- reflow solder compatible
- surface mount

**SPECIFICATIONS**

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

**SOLDERABILITY**

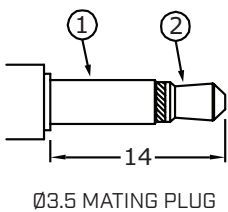
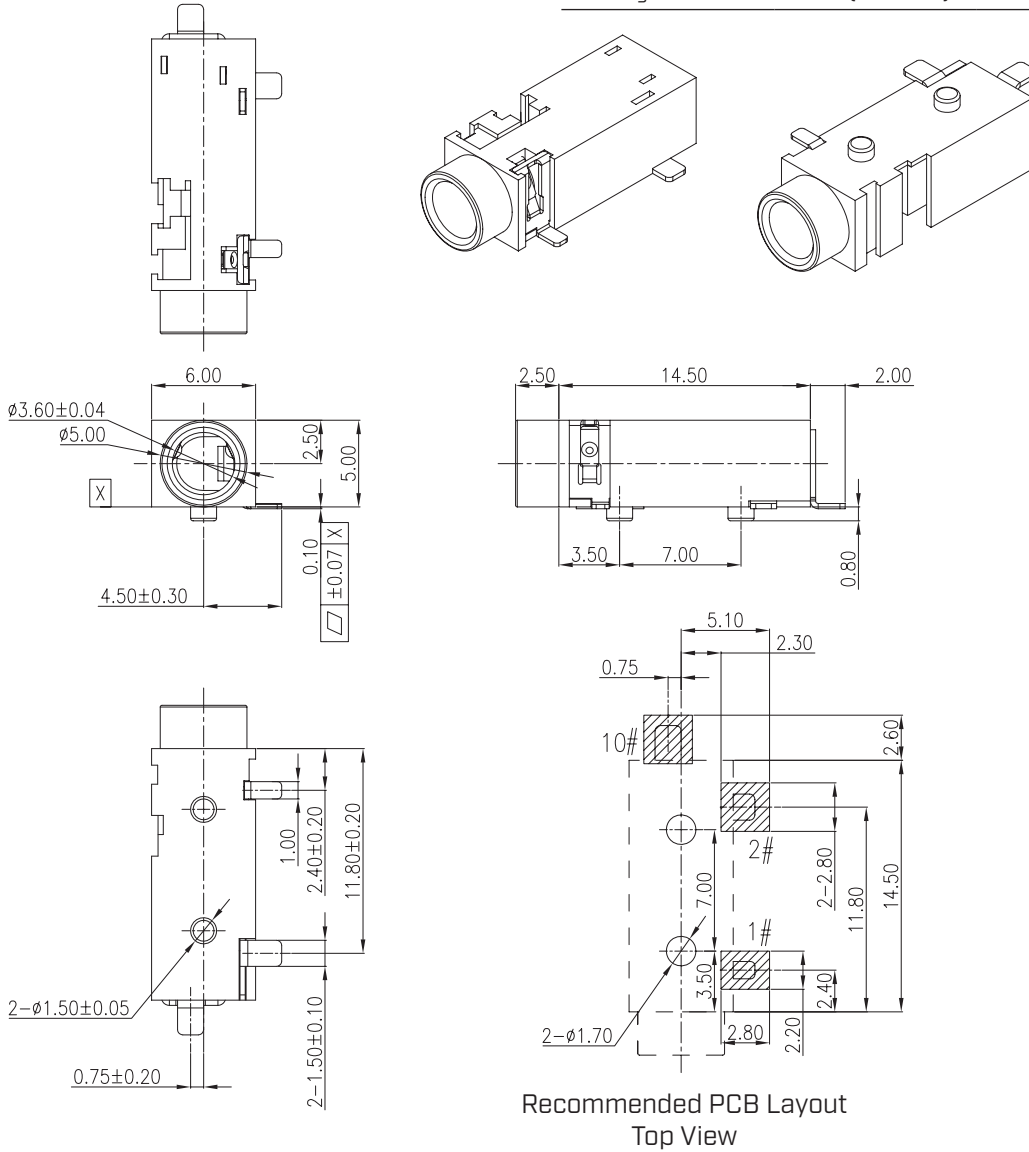
| parameter        | conditions/description | min | typ | max | units |
|------------------|------------------------|-----|-----|-----|-------|
| reflow soldering | see reflow profile     | 260 | 265 | 270 | °C    |



## MECHANICAL DRAWING

units: mm  
 tolerance:  
 X,  $\pm 0.50$  mm  
 X.X  $\pm 0.30$  mm  
 X.XX  $\pm 0.20$  mm  
 PCB:  $\pm 0.05$  mm  
 unless otherwise specified

| DESCRIPTION | MATERIAL        | PLATING/COLOR |
|-------------|-----------------|---------------|
| terminal 1  | copper alloy    | silver        |
| terminal 2  | copper alloy    | silver        |
| terminal 10 | brass           | silver        |
| housing     | PA10T [UL94V-0] | black         |



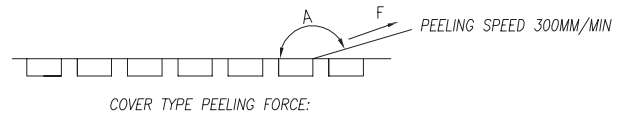
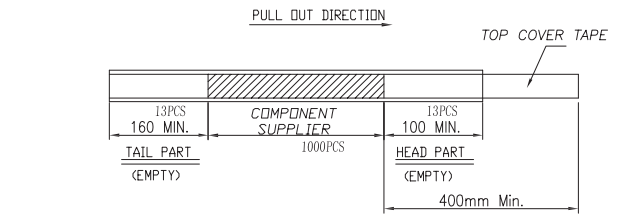
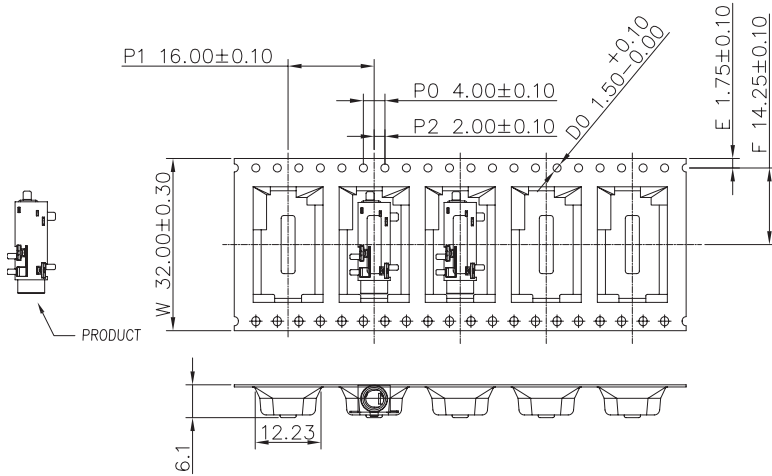
|           |            |
|-----------|------------|
| Schematic |            |
| PIN       |            |
| 1         | sleeve     |
| 2         | tip        |
| 10        | tip switch |

## PACKAGING

units: mm

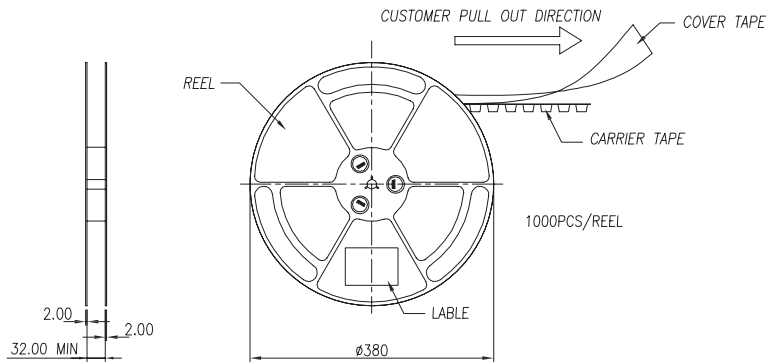
Reel Size:  $\varnothing 380$ mm

Reel QTY: 1,000 pcs per reel



COVER TYPE PEELING FORCE:

|   |           |
|---|-----------|
| A | 165°~180° |
| F | 0.1N~1.3N |



## REVISION HISTORY

| rev. | description   | date       |
|------|---|------------|
| 1.0  | initial release   | 12/02/2005 |
| 1.01 | updated plastic mold  | 12/18/2007 |
| 1.02 | corrected dimension from 2.15 to 1.40 mm  | 08/18/2009 |
| 1.03 | brand update  | 03/30/2020 |
| 1.04 | product reengineered for improved manufacturability and production yield, see PCN for details | 03/06/2023 |

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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