



**MODEL:** UJ2-MIBH2-4-SMT | **DESCRIPTION:** USB RECEPTACLE

**FEATURES**

- USB micro B type jack
- USB 2.0
- horizontal orientation
- surface mount



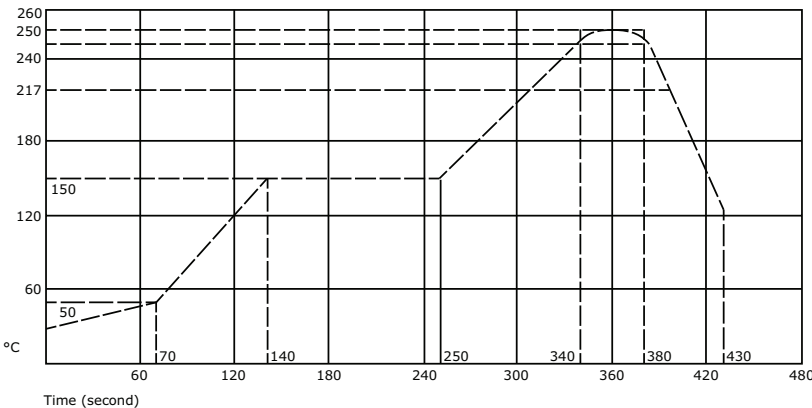
**SPECIFICATIONS**

| parameter                       | conditions/description            | min | typ    | max        | units  |
|---------------------------------|-----------------------------------|-----|--------|------------|--------|
| USB standard                    | USB 2.0                           |     |        |            |        |
| rated input voltage             |                                   |     |        | 30         | Vac    |
| rated input current             | pins 1, 5<br>pins 2, 3, 4         |     |        | 1.8<br>0.5 | A<br>A |
| contact resistance <sup>2</sup> | between terminals and mating plug |     |        | 30         | mΩ     |
| insulation resistance           | at 250 Vdc for 1 minute           | 100 |        |            | MΩ     |
| voltage withstand               | for 1 minute                      |     |        | 250        | Vac    |
| insertion force                 |                                   |     |        | 35         | N      |
| withdrawal force                |                                   | 8   |        |            | N      |
| operating temperature           |                                   | -25 |        | 85         | °C     |
| life                            |                                   |     | 10,000 |            | cycles |
| flammability rating             | UL94V-0                           |     |        |            |        |
| RoHS                            | yes                               |     |        |            |        |

Note: 1. Add suffix "-TR" to the model for tape and reel packaging.  
2. When measured at a current of less than 100 mA/1 kHz  
3. All specifications measured at 10-35°C, humidity at 45-85%, under standard atmospheric pressure, unless otherwise noted.

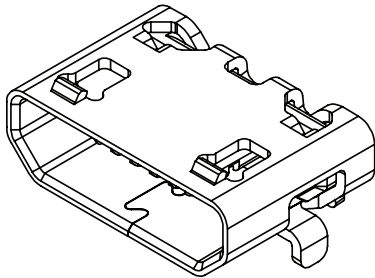
**SOLDERABILITY**

| parameter        | conditions/description | min | typ | max | units |
|------------------|------------------------|-----|-----|-----|-------|
| reflow soldering | see reflow profile     | 245 | 250 | 255 | °C    |

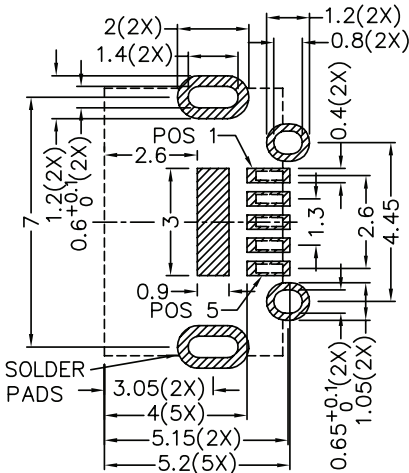
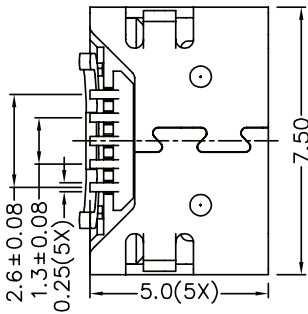
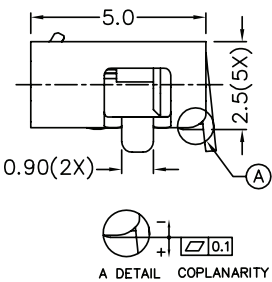
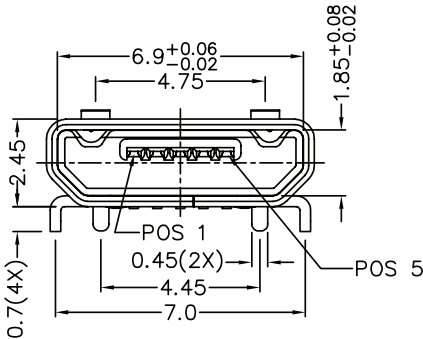
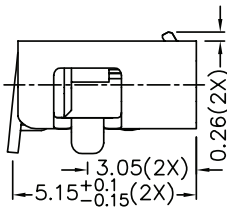


MECHANICAL DRAWING

units: mm  
tolerance:  
X.X ±0.2 mm  
X.XX ±0.1 mm  
PCB layout tolerance:  
±0.05 mm



|                   | MATERIAL        | PLATING                                                           |
|-------------------|-----------------|-------------------------------------------------------------------|
| contact terminals | copper alloy    | contact: 30 μ" gold over nickel<br>solder: 30 μ" gold over nickel |
| shield            | stainless steel | nickel                                                            |
| insulator         | LCP (black)     |                                                                   |



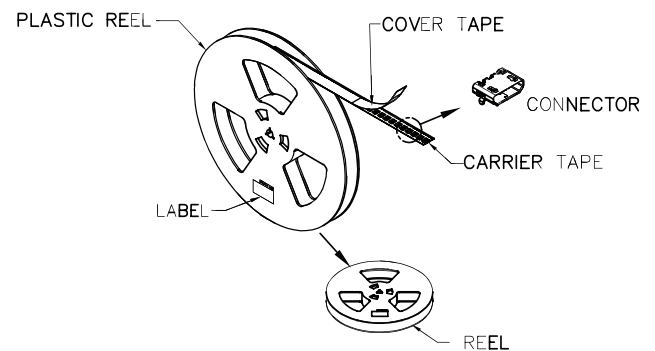
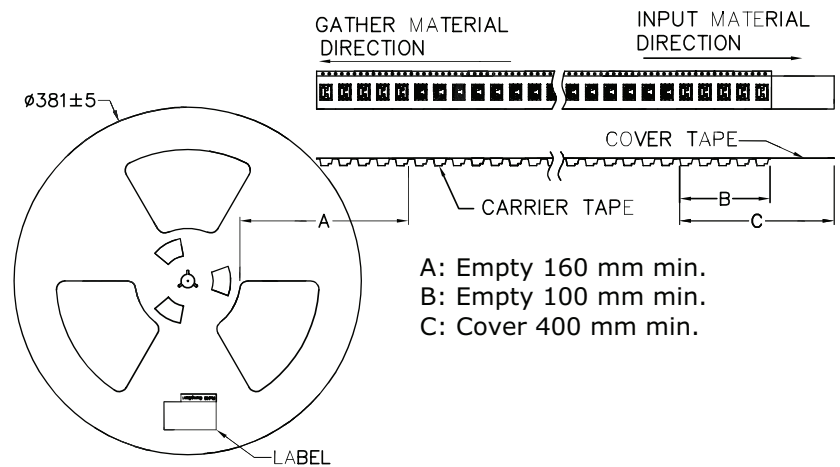
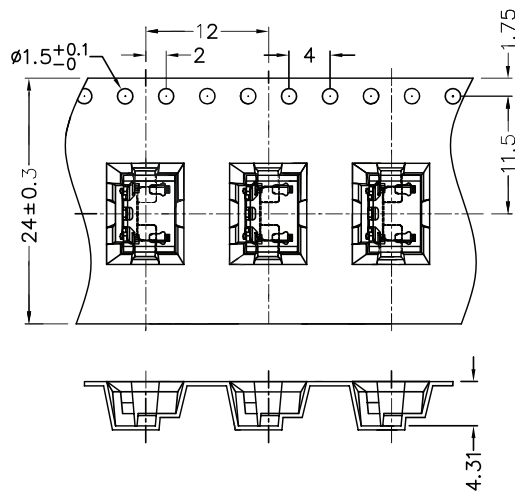
Recommended PCB Layout  
Top View

## PACKAGING

units: mm

Reel Size:  $\varnothing 381$  mm

Reel QTY: 1,750 pcs per reel



REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 08/08/2016 |
| 1.01 | brand update                      | 02/05/2020 |
| 1.02 | added USB standard                | 04/07/2022 |
| 1.03 | logo, datasheet style update      | 08/05/2022 |
| 1.04 | 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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