

**MODEL:** UJ2-MIBH-2-SMT-TR-67 | **DESCRIPTION:** USB RECEPTACLE**FEATURES**

- IP67 waterproof
- USB micro B type receptacle
- USB 2.0
- surface mount
- mounting tabs

**SPECIFICATIONS**

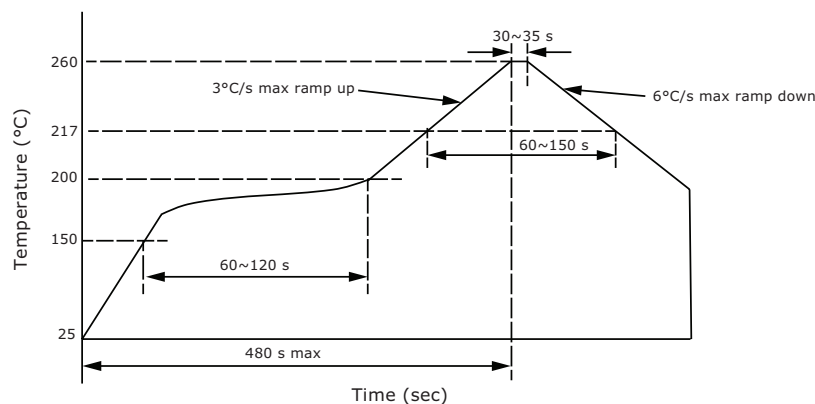
| parameter                       | conditions/description                 | min | typ    | max | units  |
|---------------------------------|----------------------------------------|-----|--------|-----|--------|
| USB standard                    | USB 2.0                                |     |        |     |        |
| rated input voltage             |                                        |     |        | 30  | Vdc    |
| rated input current             |                                        |     |        | 1.8 | A      |
| contact resistance <sup>1</sup> | between terminals and mating plug      |     |        | 30  | mΩ     |
| insulation resistance           | at 500 Vdc between adjacent contacts   | 100 |        |     | MΩ     |
| voltage withstand               | for 1 minute between adjacent contacts |     |        | 100 | Vac    |
| insertion force                 | at a rate of 12.5 mm/min               |     |        | 20  | N      |
| withdrawal force                | at a rate of 12.5 mm/min               | 7   |        |     | N      |
| life                            | at a rate of 500 cycles per hour       |     | 10,000 |     | cycles |
| operating temperature           |                                        | -30 |        | 85  | °C     |
| flammability rating             | UL94V-0                                |     |        |     |        |
| RoHS                            | yes                                    |     |        |     |        |
| IP level                        | IP67                                   |     |        |     |        |

Note: 1. When measured at 20 mV max / 100 mA.

**SOLDERABILITY**

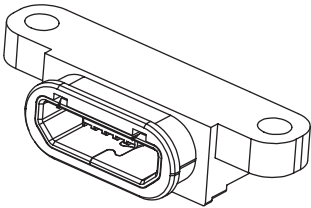
| parameter                     | conditions/description    | min | typ | max | units |
|-------------------------------|---------------------------|-----|-----|-----|-------|
| reel storage                  | at relative humidity <60% |     |     | 30  | °C    |
| reflow soldering <sup>2</sup> | see reflow profile        |     | 260 | 270 | °C    |

Note: 2. It is recommended to reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.

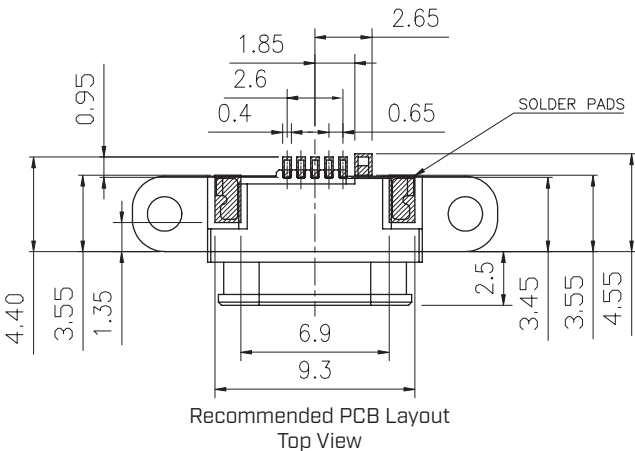
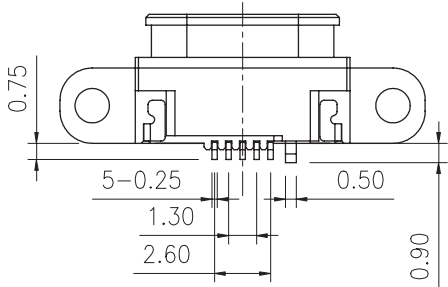
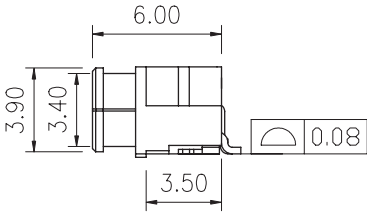
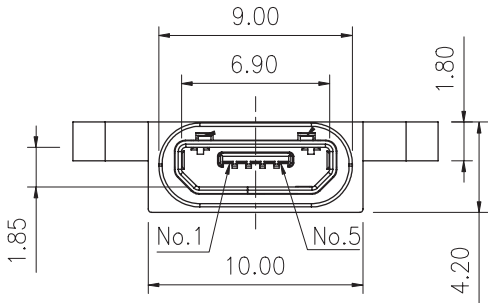
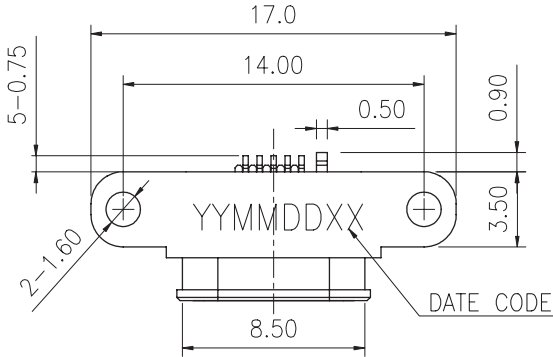


MECHANICAL DRAWING

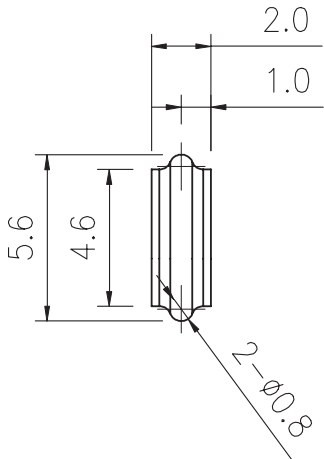
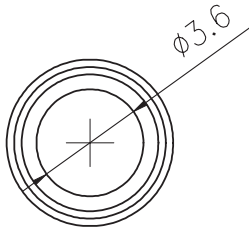
units: mm  
tolerance:  
X.X ±0.20 mm  
X.XX ±0.1 mm  
X.XXX ±0.05 mm  
PCB: ±0.05 mm



|                  | MATERIAL        | PLATING                                   |
|------------------|-----------------|-------------------------------------------|
| hold down        | stainless steel | matte tin                                 |
| shell            | stainless steel | matte tin                                 |
| contact          | PBS             | contact: 10 μ" gold<br>solder: gold flash |
| out side housing | PA-9T           | black                                     |
| housing          | PA-9T           | black                                     |
| o-ring (OR-50)   | silicone        | black                                     |

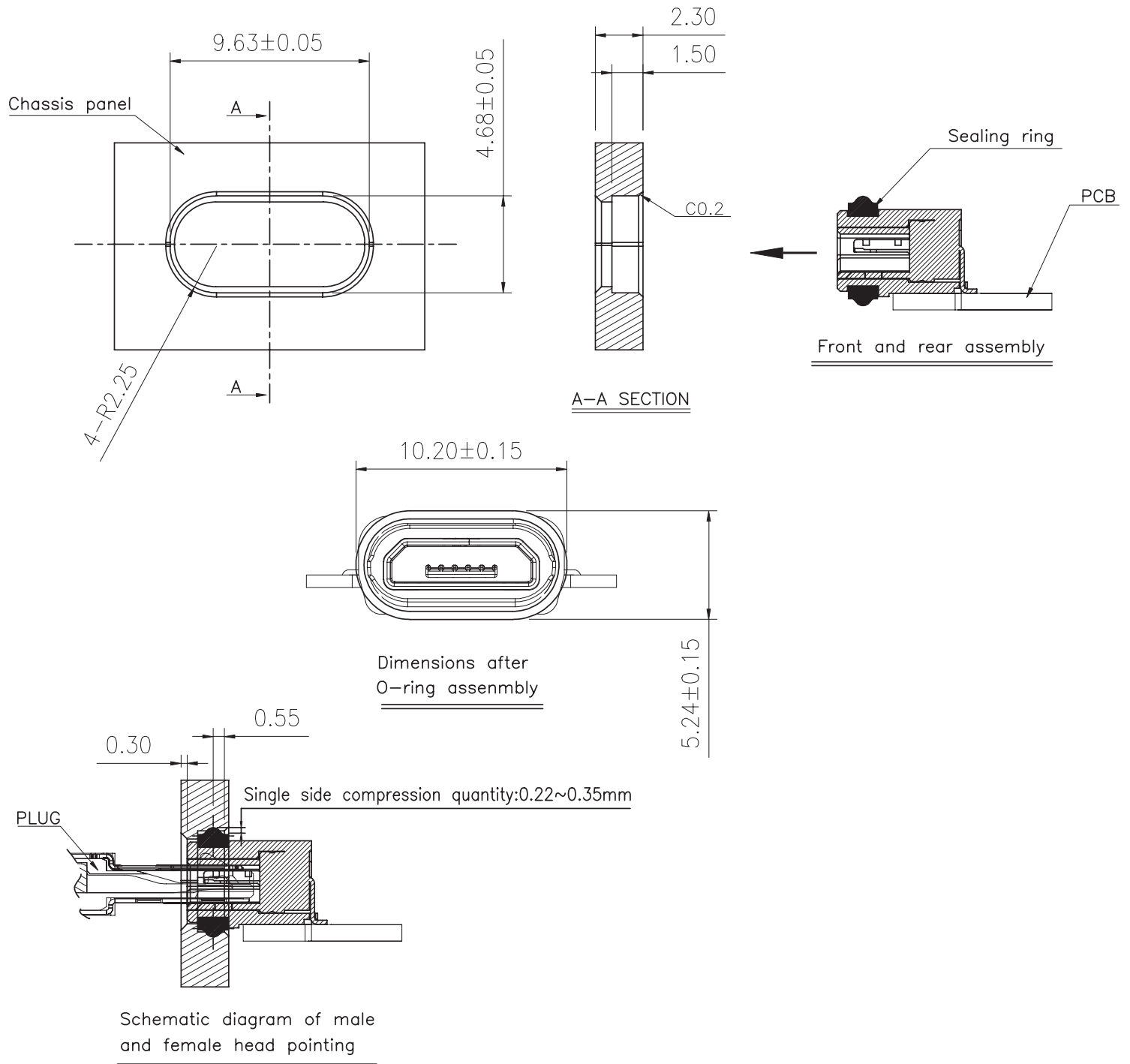


O-ring (P/N: OR-50)



## ASSEMBLY REFERENCE

Recommended seal

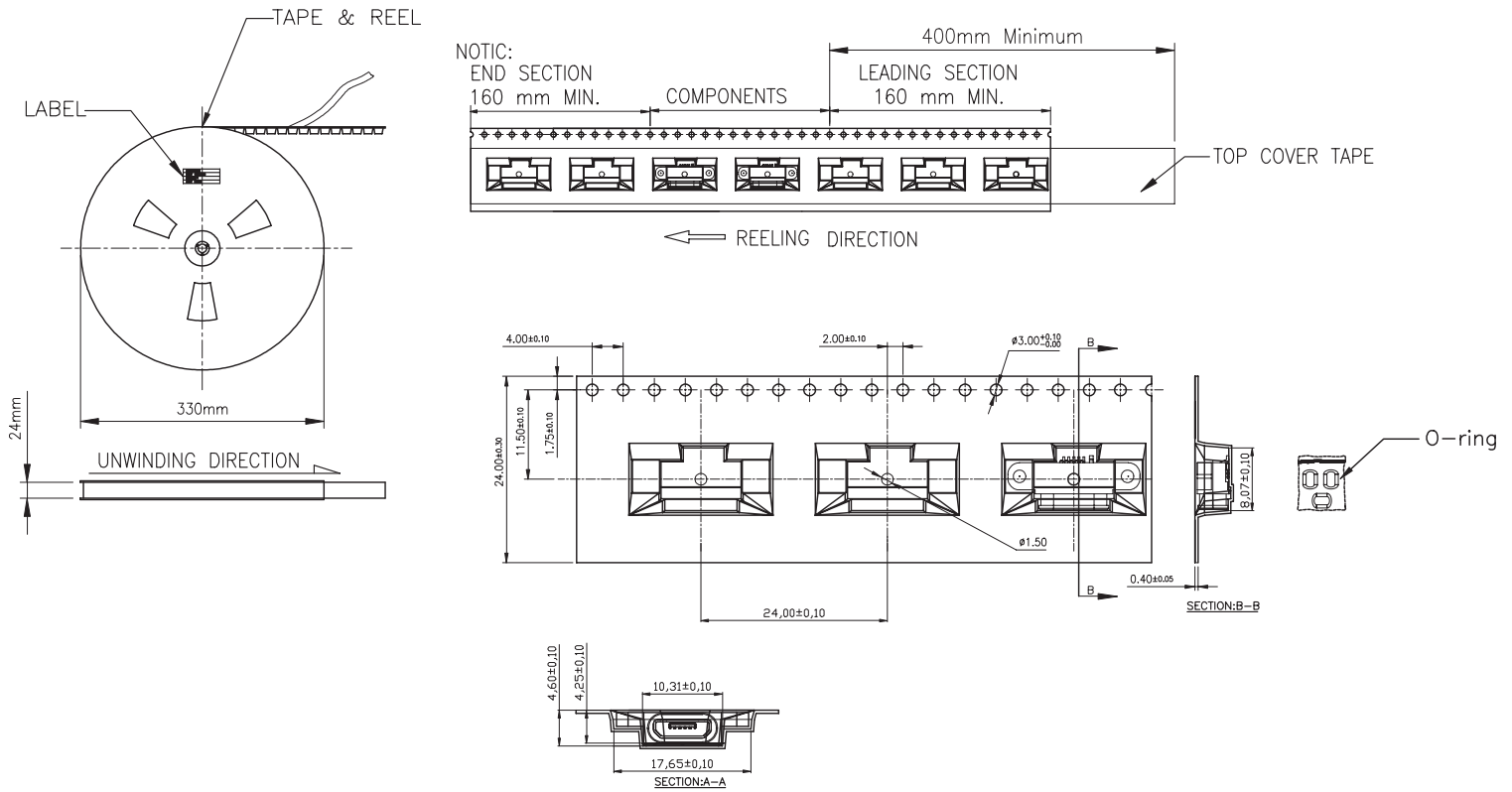


## PACKAGING

units: mm

Reel Size:  $\varnothing 330$  mm

Reel QTY: 500 pcs per reel



REVISION HISTORY

| rev. | description                          | date       |
|------|--------------------------------------|------------|
| 1.0  | initial release                      | 12/05/2018 |
| 1.01 | updated datasheet                    | 06/24/2019 |
| 1.02 | brand update                         | 01/27/2020 |
| 1.03 | added USB standard, added o-ring p/n | 04/07/2022 |
| 1.04 | logo, datasheet style update         | 08/05/2022 |
| 1.05 | 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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