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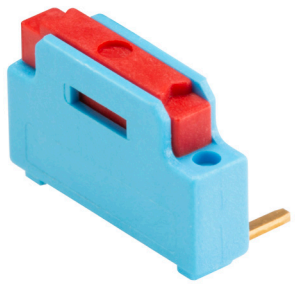
# MODEL: MSS-102564-90-D | DESCRIPTION: MINI SLIDE SWITCH

## FEATURES

- red flush actuator
- blue body
- through hole mounting
- right angle



RoHS

## SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|---|---|---|---|---|---|
| rated voltage | | | | 12<br>24 | Vdc<br>Vdc |
| rated current | at 12 Vdc<br>at 24 Vdc | 1<br>1 | | 500<br>300 | mA<br>mA |
| withstanding voltage | for 1 minute | | 500 | | Vac |
| contact resistance | | | | 30 | mΩ |
| insulation resistance | at 500 Vdc | 10,000 | | | MΩ |
| operating force | | 100 | 250 | 400 | gf |
| actuator travel | | | 1.6 | | mm |
| operating temperature | | -40 | | 85 | °C |
| storage temperature | | -40 | | 85 | °C |
| life | with load<br>without load | | 2,000<br>10,000 | | cycles<br>cycles |
| flammability rating | UL94V-0 | | | | |
| RoHS | yes | | | | |
| packaging | bulk, 200 pcs per bag | | | | |

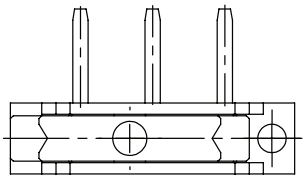
## SOLDERABILITY

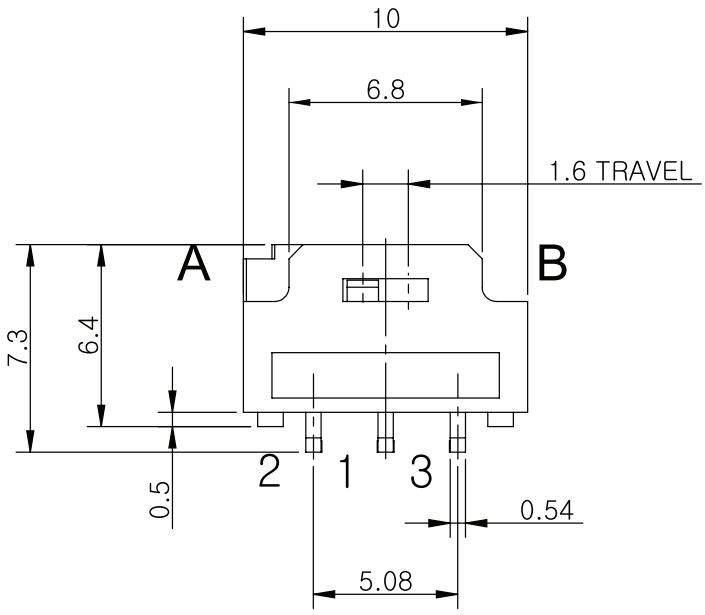
| parameter | conditions/description | min | typ | max | units |
|---|---|---|---|---|---|
| hand soldering | for 3~4 seconds | | | 350 | °C |
| wave soldering | for maximum 5 seconds | | | 260 | °C |

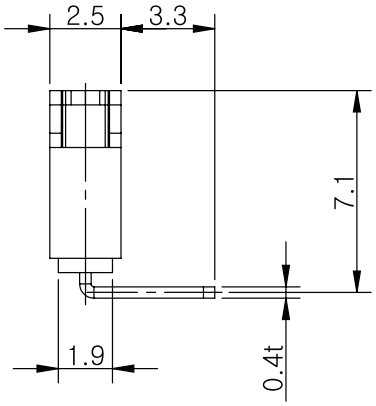
## MECHANICAL DRAWING

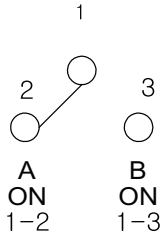
units: mm
tolerance: ±0.1 mm
unless otherwise noted

| ITEM | DESCRIPTION | MATERIAL | PLATING/COLOR |
|---|---|---|---|
| 1 | actuator | PA66 (UL94V-0) | red |
| 2 | housing | PA66 (UL94V-0) | blue |
| 3 | terminals | nickel | gold |

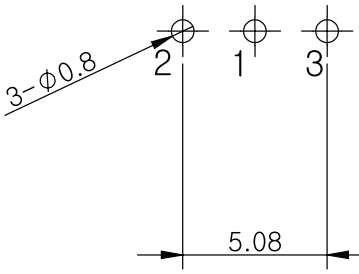




Schematic



Recommended PCB Layout
Top View

## REVISION HISTORY

| rev. | description | date |
|---|---|---|
| 1.0 | initial release | 02/19/2021 |
| 1.01 | logo, datasheet style update | 08/05/2022 |
| 1.02 | 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

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