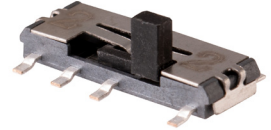



MODEL: SLW-993515-2A-SMT-TR | **DESCRIPTION:** SLIDE SWITCH

FEATURES

- surface mount
- raised slide actuator

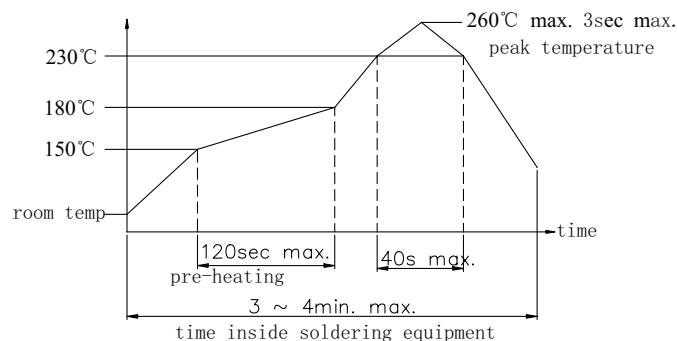

SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|-----------------------|---|-----|--------|-----|--------|
| rated voltage | | | | 12 | Vdc |
| rated current | | | | 100 | mA |
| withstanding voltage | for 1 minute | | 250 | | Vac |
| contact resistance | measured at 1 kHz at 100 mA or less | | | 100 | mΩ |
| insulation resistance | at 100 Vdc for 1 minute | 100 | | | MΩ |
| operating force | | 110 | 160 | 210 | gf |
| actuator travel | | 2.7 | 3 | 3.3 | mm |
| operating temperature | | -20 | | 70 | °C |
| storage temperature | | -40 | | 90 | °C |
| life | at uniform rate of 15~18 cycles per minute, no load | | 10,000 | | cycles |
| vibration | 10~55~10 Hz, 1.5 mm amplitude, 2 hours on each XYZ | | | | |
| flammability rating | see material table | | | | |
| RoHS | yes | | | | |

SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|------------------|---|-----|-----|-----|-------|
| hand soldering | for maximum 3 seconds | | | 350 | °C |
| reel storage | -5~35°C, 25~80% humidity reel opened: use within 1 month reel unopened: use within 6 months | | | | |
| reflow soldering | see reflow profile | | | 260 | °C |

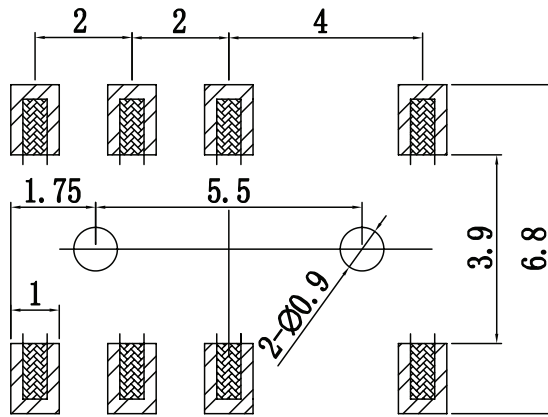
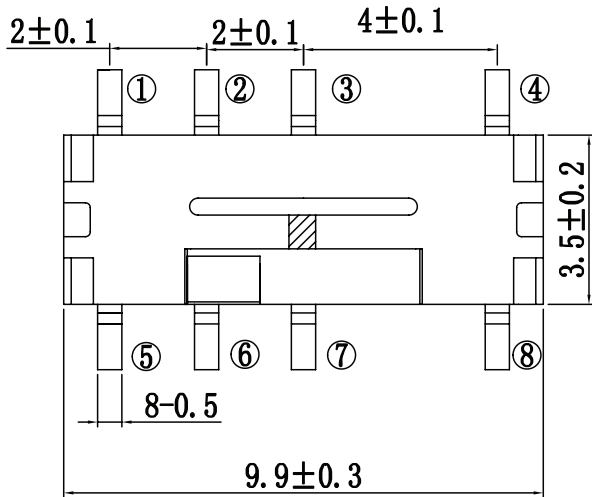
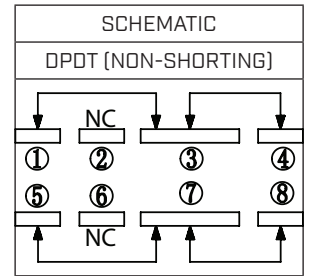
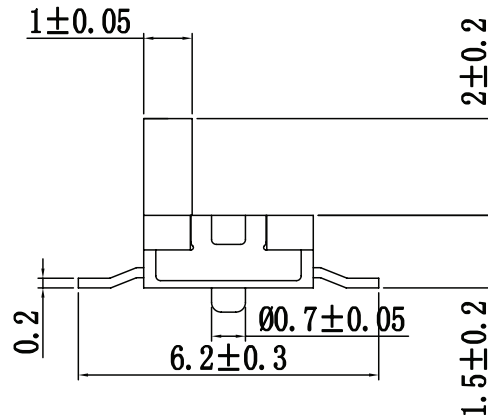
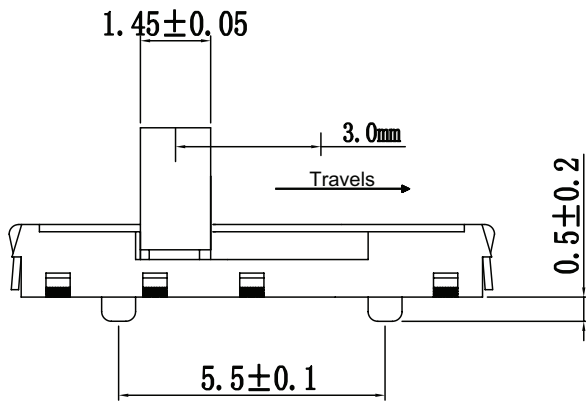
Note: 1. Same Sky recommends usage of the product within 2 hours after T&R is opened. After 6 hours, Same Sky recommends drying the parts prior to use.



MECHANICAL DRAWING

units: mm
 tolerance: ± 0.20 mm
 unless otherwise specified

| DESCRIPTION | MATERIAL | PLATING/COLOR |
|-------------|-------------------|---------------|
| knob | PA46 | black |
| cover | SUS | |
| base | LCP | black |
| terminal | phosphorus copper | silver |
| contact | phosphorus copper | |



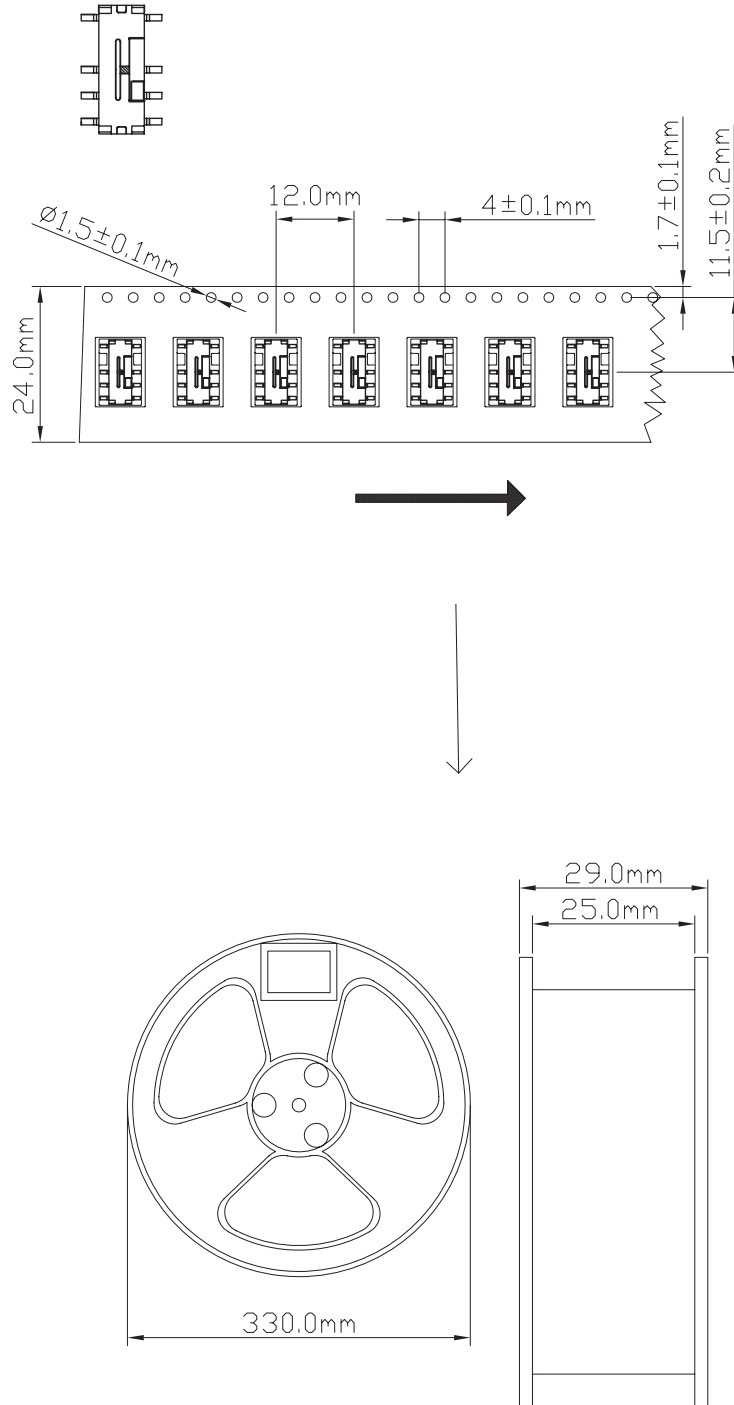
Recommended PCB Layout
 Top View

PACKAGING

units: mm

Reel Size: $\varnothing 330$ mm

QTY: 1,000 pcs



REVISION HISTORY

| rev. | description | date |
|------|-----------------------------------|------------|
| 1.0 | initial release | 07/07/2023 |
| 1.01 | updated schematic details | 02/01/2024 |
| 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 offers a one (1) year limited warranty. Complete warranty information is listed on our website.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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