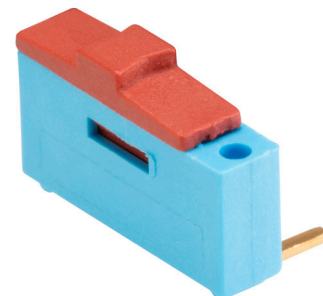


MODEL: MSS-102545-14A-90-D | **DESCRIPTION:** MINI SLIDE SWITCH**FEATURES**

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

**SPECIFICATIONS**

| parameter | conditions/description | min | typ | max | units |
|-----------------------|---------------------------|--------|-----------------|------------|------------------|
| rated voltage | | | | 12 24 | Vdc Vdc |
| rated current | at 12 Vdc at 24 Vdc | 1 1 | | 500 300 | mA 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 without load | | 2,000 10,000 | | cycles cycles |
| flammability rating | UL94V-0 | | | | |
| RoHS | yes | | | | |
| packaging | bulk, 200 pcs per bag | | | | |

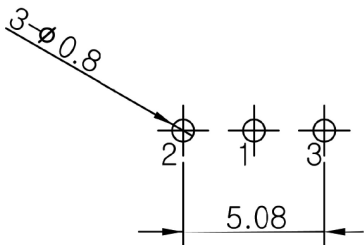
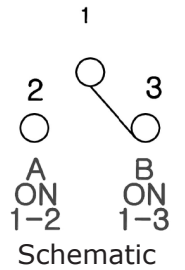
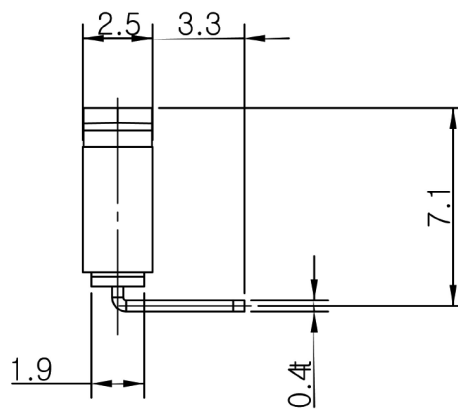
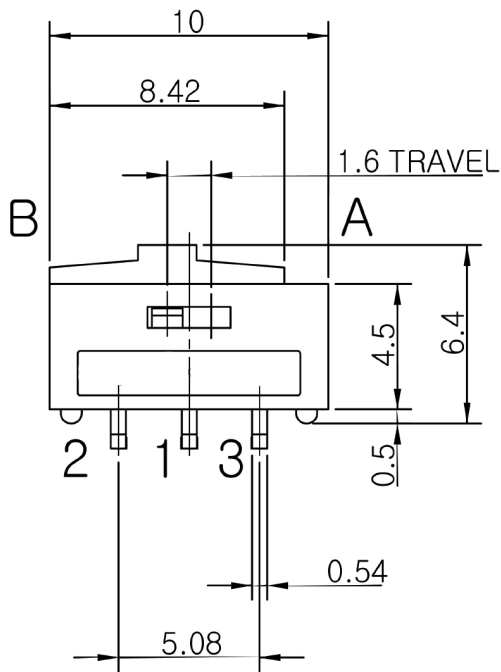
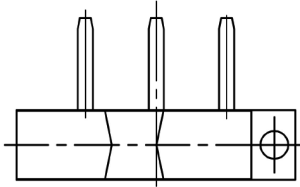
SOLDERABILITY

| 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 |



Recommended PCB Layout
 Top View

REVISION HISTORY

| rev. | description | date |
|------|-----------------|------------|
| 1.0 | initial release | 02/19/2021 |

The revision history provided is for informational purposes only and is believed to be accurate.

CUI DEVICES

CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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