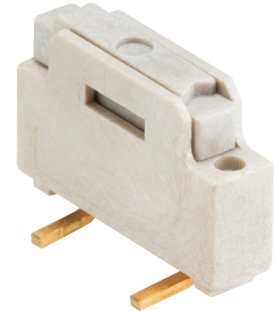


**MODEL:** MSS-102564-SV-SMT | **DESCRIPTION:** MINI SLIDE SWITCH**FEATURES**

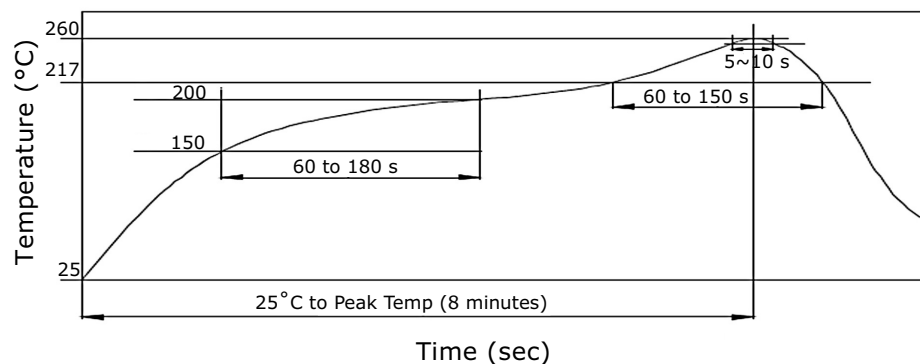
- gray flush actuator
- gray body
- split vertical surface mount

**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**

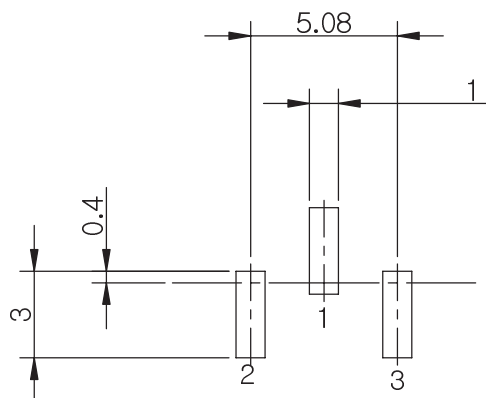
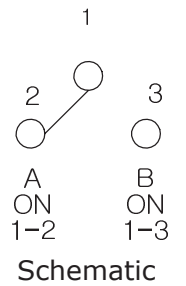
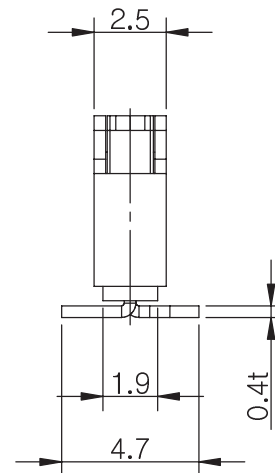
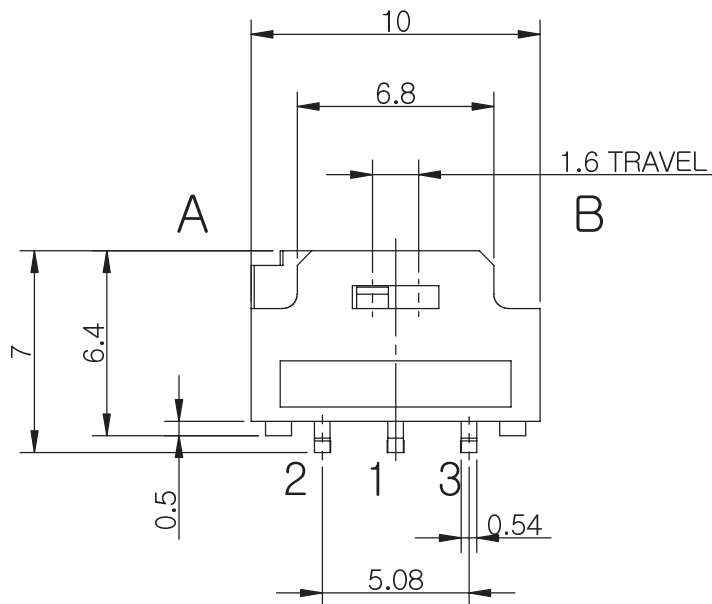
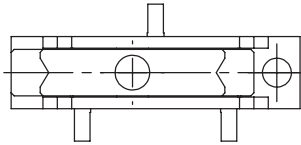
| parameter        | conditions/description | min | typ | max | units |
|------------------|------------------------|-----|-----|-----|-------|
| reflow soldering | see graph below        |     |     | 260 | °C    |



## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.1$  mm  
unless otherwise noted

| ITEM | DESCRIPTION | MATERIAL       | PLATING/COLOR |
|------|-------------|----------------|---------------|
| 1    | actuator    | PA66 (UL94V-0) | gray          |
| 2    | housing     | PA66 (UL94V-0) | gray          |
| 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.

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# CUI DEVICES

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