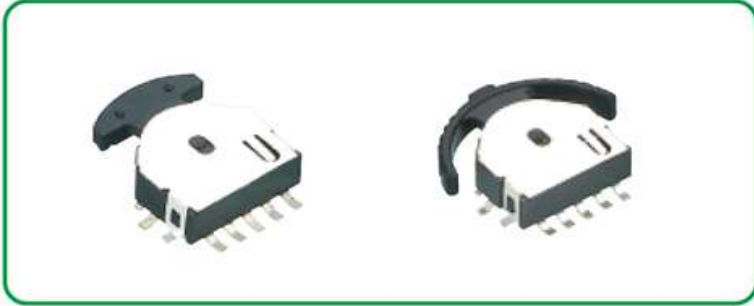


H SERIES

Lever and Push Operation Type Switch Tact Switch



Features

- The control unit provides both momentary operation by lever and center push operation.
- Using a single knob enables compound actions with simple operations.
- Reflow solderable.

Applications

- For the operation of telecommunication equipment such as mobile phones, etc.
- Compact, portable units such as camcoders, portable audios, car radios, etc.

Specification

| Items | | Standard |
|-----------------------------|--------------------|---|
| Operating temperature range | | -30 °C to +85 °C |
| Electrical performance | Rating | 10mA, 5V DC |
| | Output voltage | 1V max. at 1mA 5V DC |
| | Contact resistance | 100mW max. |
| | Lifetime | 100,000 Cycles |
| Durability | Operating force | Lever portion 70 ± 40gf Push portion 200 ± 100gf |
| Mechanical performance | Travel | 4-direction -25° -0° - +25° |
| | | Push portion 0.85 ± 0.1mm |

Diagram

| No. | Dimensions | Circuit Diagram | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|---|-----------------|--------|-----------|-------|--|----------|-----------|-------|-------|-----------|---|--------|--|--|--|---|--|--------|--|--|---|--|--|--------|--|---|--|--|--|--------|---|--|--|--|--------|--|
| | | Pad Layout | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | <p>• TMHM30</p> <p>• TMHM31</p> <p>Code table</p> <table border="1"> <thead> <tr> <th>Angle</th> <th colspan="2">CW ←</th> <th colspan="2">→ CCW</th> </tr> <tr> <th>Terminal</th> <th>35° (30°)</th> <th>(10°)</th> <th>(10°)</th> <th>(30°) 35°</th> </tr> </thead> <tbody> <tr> <td>a</td> <td>Shaded</td> <td></td> <td></td> <td></td> </tr> <tr> <td>b</td> <td></td> <td>Shaded</td> <td></td> <td></td> </tr> <tr> <td>d</td> <td></td> <td></td> <td>Shaded</td> <td></td> </tr> <tr> <td>f</td> <td></td> <td></td> <td></td> <td>Shaded</td> </tr> <tr> <td>g</td> <td></td> <td></td> <td></td> <td>Shaded</td> </tr> </tbody> </table> | Angle | CW ← | | → CCW | | Terminal | 35° (30°) | (10°) | (10°) | (30°) 35° | a | Shaded | | | | b | | Shaded | | | d | | | Shaded | | f | | | | Shaded | g | | | | Shaded | |
| Angle | CW ← | | → CCW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal | 35° (30°) | (10°) | (10°) | (30°) 35° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| a | Shaded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| b | | Shaded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| d | | | Shaded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| f | | | | Shaded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| g | | | | Shaded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

MULTI-FUNCTION SWITCH