

Detector

Push

Slide

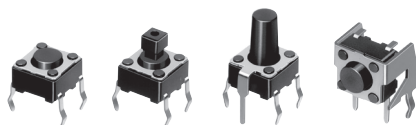
Rotary

Encoders

Power

Dual-in-line  
Package Type

TACT Switch™

Sharp  
FeelingSoft  
FeelingSnap-in  
TypeSurface  
Mount TypeRadial  
Type

## ■ Typical Specifications

| Items                      | Specifications     |
|----------------------------|--------------------|
| Rating (max.)              | 50mA 12V DC        |
| Rating (min.)              | 10 $\mu$ A 1V DC   |
| Initial contact resistance | 100m $\Omega$ max. |
| Travel (mm)                | 0.25               |

## ■ Product Line

## Toppush Type

| Product No. | Operating force | Operating direction | Operating life (5mA 5V DC) | Stem color | Stem height | Minimum order unit (pcs.) |        | Drawing No. |
|-------------|-----------------|---------------------|----------------------------|------------|-------------|---------------------------|--------|-------------|
|             |                 |                     |                            |            |             | Japan                     | Export |             |
| SKHHAJA010  | 0.98N           | Toppush             | 1,000,000cycles            | Black      | h=4.3mm     | 1,000                     | 1,000  | 1           |
| SKHHALA010  | 1.57N           |                     | 500,000cycles              | Dark gray  |             |                           |        |             |
| SKHHAQA010  | 2.55N           |                     | 200,000cycles              | Red        |             |                           |        |             |
| SKHHAKA010  | 0.98N           |                     | 1,000,000cycles            | Black      | h=5mm       |                           |        |             |
| SKHHAMA010  | 1.57N           |                     | 500,000cycles              | Dark gray  |             |                           |        |             |
| SKHHARA010  | 2.55N           |                     | 200,000cycles              | Red        |             |                           |        |             |
| SKHHCQA010  | 3.53N           |                     |                            | Orange     |             |                           |        |             |
| SKHHCRA010  | 5.10N           |                     |                            | Yellow     |             |                           |        |             |
| SKHHBVA010  | 0.98N           |                     | 1,000,000cycles            | Black      | h=7mm       |                           |        |             |
| SKHHBWA010  | 1.57N           |                     | 500,000cycles              | Dark gray  |             |                           |        |             |
| SKHHBYA010  | 2.55N           |                     | 200,000cycles              | Red        |             |                           |        |             |
| SKHHANA010  | 0.98N           |                     | 1,000,000cycles            | Black      | h=9.5mm     |                           |        |             |
| SKHHAPA010  | 1.57N           |                     | 500,000cycles              | Dark gray  |             |                           |        |             |
| SKHHBSA010  | 2.55N           |                     | 200,000cycles              | Red        |             |                           |        |             |
| SKHHDTA010  | 0.98N           |                     | 1,000,000cycles            | Black      | h=13mm      |                           |        |             |
| SKHHDUA010  | 1.57N           |                     | 500,000cycles              | Dark gray  |             |                           |        |             |
| SKHHDHA010  | 0.98N           |                     | 300,000cycles              | Black      | h=17mm      |                           |        |             |
| SKHHDJA010  | 1.57N           |                     |                            | Dark gray  |             |                           |        |             |

## Joint Stem Type

| Product No. | Operating force | Operating direction | Operating life (5mA 5V DC) | Stem color | Stem height | Minimum order unit (pcs.) |        | Drawing No. |
|-------------|-----------------|---------------------|----------------------------|------------|-------------|---------------------------|--------|-------------|
|             |                 |                     |                            |            |             | Japan                     | Export |             |
| SKHHCWA010  | 0.98N           | Toppush             | 1,000,000 cycles           | Black      | h=7.3mm     | 1,000                     | 1,000  | 2           |
| SKHHDAA010  | 1.57N           |                     | 500,000 cycles             | Dark gray  |             |                           |        |             |
| SKHHDGA010  | 2.55N           |                     | 200,000 cycles             | Red        |             |                           |        |             |

### Product Line

With Ground Terminal Type

| Product No. | Operating force | Operating direction | Operating life (5mA 5V DC) | Stem color | Stem height | Minimum order unit (pcs.) |        | Drawing No. |
|-------------|-----------------|---------------------|----------------------------|------------|-------------|---------------------------|--------|-------------|
|             |                 |                     |                            |            |             | Japan                     | Export |             |
| SKHHPJA010  | 0.98N           | Toppush             | 1,000,000 cycles           | Black      | h=4.3mm     | 1,000                     | 1,000  | 3           |
| SKHHPLA010  | 1.57N           |                     | 500,000 cycles             | Dark gray  |             |                           |        |             |
| SKHHPQA010  | 2.55N           |                     | 200,000 cycles             | Red        |             |                           |        |             |
| SKHHPKA010  | 0.98N           |                     | 1,000,000 cycles           | Black      | h=5mm       |                           |        |             |
| SKHHPMA010  | 1.57N           |                     | 500,000 cycles             | Dark gray  |             |                           |        |             |
| SKHHPRA010  | 2.55N           |                     | 200,000 cycles             | Red        |             |                           |        |             |
| SKHHQVA010  | 0.98N           |                     | 1,000,000 cycles           | Black      | h=7mm       |                           |        |             |
| SKHHQWA010  | 1.57N           |                     | 500,000 cycles             | Dark gray  |             |                           |        |             |
| SKHHQYA010  | 2.55N           |                     | 200,000 cycles             | Red        |             |                           |        |             |
| SKHHPNA010  | 0.98N           |                     | 1,000,000 cycles           | Black      | h=9.5mm     |                           |        |             |
| SKHHPPA010  | 1.57N           |                     | 500,000 cycles             | Dark gray  |             |                           |        |             |
| SKHHQNA010  | 2.55N           |                     | 200,000 cycles             | Red        |             |                           |        |             |

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Dual-in-line  
Package Type

TACT Switch™

### Sidepush Type

| Product No. | Operating force | Operating direction | Operating life (5mA 5V DC) | Stem color | Stem length     | Minimum order unit (pcs.) |        | Drawing No. |
|-------------|-----------------|---------------------|----------------------------|------------|-----------------|---------------------------|--------|-------------|
|             |                 |                     |                            |            |                 | Japan                     | Export |             |
| SKHHLMA010  | 0.98N           | Sidepush            | 1,000,000 cycles           | Black      | $\ell$ =3.85mm  | 1,000                     | 1,000  | 4           |
| SKHHLNA010  | 1.57N           |                     | 500,000 cycles             | Dark gray  |                 |                           |        |             |
| SKHHLPA010  | 2.55N           |                     | 200,000 cycles             | Red        |                 |                           |        |             |
| SKHHLQA010  | 0.98N           |                     | 1,000,000 cycles           | Black      | $\ell$ =8.35mm  |                           |        |             |
| SKHHLRA010  | 1.57N           |                     | 500,000 cycles             | Dark gray  |                 |                           |        |             |
| SKHHLSA010  | 2.55N           |                     | 200,000 cycles             | Red        |                 |                           |        |             |
| SKHHLUA010  | 0.98N           |                     | 1,000,000 cycles           | Black      | $\ell$ =5.85mm  |                           |        |             |
| SKHHLVA010  | 1.57N           |                     | 500,000 cycles             | Dark gray  |                 |                           |        |             |
| SKHHLWA010  | 2.55N           |                     | 200,000 cycles             | Red        |                 |                           |        |             |
| SKHHNHA010  | 0.98N           |                     | 500,000 cycles             | Black      | $\ell$ =15.85mm |                           |        |             |
| SKHHNJA010  | 1.57N           |                     | 300,000 cycles             | Dark gray  |                 |                           |        |             |
| SKHHNKA010  | 2.55N           |                     | 200,000 cycles             | Red        |                 |                           |        |             |

Sharp  
FeelingSoft  
FeelingSnap-in  
TypeSurface  
Mount TypeRadial  
Type

### Packing Specifications

Bulk

| Series                                         | Number of packages (pcs.) |                         | Export package measurements (mm) |
|------------------------------------------------|---------------------------|-------------------------|----------------------------------|
|                                                | 1 case / Japan            | 1 case / export packing |                                  |
| Other                                          | 10,000                    | 30,000                  | 309 × 476 × 347                  |
| SKHHDJ, SKHHDH, SKHHDJ, SKHHNH, SKHHNJ, SKHHNK | 5,000                     | 15,000                  |                                  |

## Dimensions

Unit:mm

| Dimensions |       |       |                                                                                                                                                                                                                                        | Unit:mm |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
|------------|-------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---|-----|-----|---|-----|---|-----|-----|---|----|---|----|---|--|
| No.        | Photo | Style | PC board mounting hole dimensions<br>(Viewed from switch mounting face)                                                                                                                                                                |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
| 1          |       |       | <table><tr><th>h</th><th>A</th></tr><tr><td>4.3</td><td>3.5</td></tr><tr><td>5</td><td>3.5</td></tr><tr><td>7</td><td>3.3</td></tr><tr><td>9.5</td><td>3</td></tr><tr><td>13</td><td>3</td></tr><tr><td>17</td><td>3</td></tr></table> | h       | A | 4.3 | 3.5 | 5 | 3.5 | 7 | 3.3 | 9.5 | 3 | 13 | 3 | 17 | 3 |  |
|            |       |       | h                                                                                                                                                                                                                                      | A       |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
| 4.3        | 3.5   |       |                                                                                                                                                                                                                                        |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
| 5          | 3.5   |       |                                                                                                                                                                                                                                        |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
| 7          | 3.3   |       |                                                                                                                                                                                                                                        |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
| 9.5        | 3     |       |                                                                                                                                                                                                                                        |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
| 13         | 3     |       |                                                                                                                                                                                                                                        |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
| 17         | 3     |       |                                                                                                                                                                                                                                        |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
|            |       |       |                                                                                                                                                                                                                                        |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
| 2          |       |       | <table><tr><th>h</th><th>A</th></tr><tr><td>4.3</td><td>3.5</td></tr><tr><td>5</td><td>3.5</td></tr><tr><td>7</td><td>3.3</td></tr><tr><td>9.5</td><td>3</td></tr></table>                                                             | h       | A | 4.3 | 3.5 | 5 | 3.5 | 7 | 3.3 | 9.5 | 3 |    |   |    |   |  |
|            |       |       | h                                                                                                                                                                                                                                      | A       |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
| 4.3        | 3.5   |       |                                                                                                                                                                                                                                        |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
| 5          | 3.5   |       |                                                                                                                                                                                                                                        |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
| 7          | 3.3   |       |                                                                                                                                                                                                                                        |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
| 9.5        | 3     |       |                                                                                                                                                                                                                                        |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
|            |       |       |                                                                                                                                                                                                                                        |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
| 3          |       |       | <table><tr><th>h</th><th>A</th></tr><tr><td>4.3</td><td>3.5</td></tr><tr><td>5</td><td>3.5</td></tr><tr><td>7</td><td>3.3</td></tr><tr><td>9.5</td><td>3</td></tr></table>                                                             | h       | A | 4.3 | 3.5 | 5 | 3.5 | 7 | 3.3 | 9.5 | 3 |    |   |    |   |  |
|            |       |       | h                                                                                                                                                                                                                                      | A       |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
| 4.3        | 3.5   |       |                                                                                                                                                                                                                                        |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
| 5          | 3.5   |       |                                                                                                                                                                                                                                        |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
| 7          | 3.3   |       |                                                                                                                                                                                                                                        |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
| 9.5        | 3     |       |                                                                                                                                                                                                                                        |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |
|            |       |       |                                                                                                                                                                                                                                        |         |   |     |     |   |     |   |     |     |   |    |   |    |   |  |

## ■ Dimensions

Unit:mm

| No. | Photo | Style | PC board mounting hole dimensions<br>(Viewed from switch mounting face) |
|-----|-------|-------|-------------------------------------------------------------------------|
| 4   |       |       |                                                                         |
|     |       |       |                                                                         |
|     |       |       |                                                                         |
|     |       |       |                                                                         |
|     |       |       |                                                                         |

## ■ Note

Please use 1.6mm thick PC boards.

## ■ Circuit Diagram

| Toppush type / Joint stem type | With ground terminal type | Sidepushtype |
|--------------------------------|---------------------------|--------------|
|                                |                           |              |

## ■ Product Line of Knobs

Unit:mm

| Applicable model | Dimensions | Variety                                 |                                                                                     |
|------------------|------------|-----------------------------------------|-------------------------------------------------------------------------------------|
|                  |            | Color                                   | Model                                                                               |
| SKHH             |            | Red<br>Blue<br>Ivory<br>Black<br>Yellow | <b>Keytop</b><br>SK2AA00410<br>SK2AA00420<br>SK2AA00430<br>SK2AA00440<br>SK2AA00450 |
|                  |            |                                         |                                                                                     |

## ■ Note

The knob will be delivered together with the switch but packed separately.

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TACT Switch™

Sharp  
FeelingSoft  
FeelingSnap-in  
TypeSurface  
Mount TypeRadial  
Type

## List of Varieties

| Type                           |                       | Sharp Feeling Type                                                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|--------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                |                       | Snap-in                                                                                                                         |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| Series                         |                       | SKHR                                                                                                                            | SKHL                                                                                | SKHH                                                                                | SKHW                                                                                | SKQJ                                                                                | SKQB                                                                                 | SKQE                                                                                  | SKHC                                                                                  | SKHL                                                                                  | SKHH                                                                                  |
| Photo                          |                       |                                                |    |    |    |    |    |    |    |    |    |
| Features                       |                       | —                                                                                                                               | —                                                                                   | —                                                                                   | —                                                                                   | —                                                                                   | —                                                                                    | Long Life                                                                             | —                                                                                     | —                                                                                     | —                                                                                     |
| Water-proof                    |                       | —                                                                                                                               | —                                                                                   | —                                                                                   | ○                                                                                   | —                                                                                   | ●                                                                                    | —                                                                                     | —                                                                                     | —                                                                                     | —                                                                                     |
| Dust-proof                     |                       | —                                                                                                                               | —                                                                                   | —                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                    | ●                                                                                     | —                                                                                     | —                                                                                     | —                                                                                     |
| Operating direction            | Top push              | ●                                                                                                                               | ●                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                    | ●                                                                                     | ●                                                                                     | —                                                                                     | —                                                                                     |
|                                | Side push             | —                                                                                                                               | —                                                                                   | —                                                                                   | —                                                                                   | —                                                                                   | —                                                                                    | —                                                                                     | —                                                                                     | ●                                                                                     | ●                                                                                     |
| Dimensions (mm)                | W                     | □ 4.5                                                                                                                           | 6                                                                                   | □ 6                                                                                 | □ 6.6                                                                               | □ 10                                                                                | □ 12                                                                                 | □ 12                                                                                  | 7.3                                                                                   | 7.5                                                                                   |                                                                                       |
|                                | D                     |                                                                                                                                 | 3.5                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       | 7.22                                                                                  | 7.85                                                                                  |                                                                                       |
|                                | H                     | 3.8                                                                                                                             | 4.3                                                                                 |                                                                                     | 5                                                                                   | 5                                                                                   | 4.3                                                                                  |                                                                                       | 7.4                                                                                   |                                                                                       |                                                                                       |
| Operation force coverage       | ~1N                   | ↕                                                                                                                               | ↕                                                                                   | ↕                                                                                   | ↕                                                                                   | ↕                                                                                   | ↕                                                                                    | ↕                                                                                     | ↕                                                                                     | ↕                                                                                     | ↕                                                                                     |
|                                | 1N~2N                 |                                                                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|                                | 2N~3N                 |                                                                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|                                | 3N~4N                 |                                                                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|                                | 4N~5N                 |                                                                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| Travel (mm)                    |                       | 0.25                                                                                                                            |                                                                                     |                                                                                     | 0.3                                                                                 | 0.25                                                                                | 0.3                                                                                  |                                                                                       |                                                                                       | 0.25                                                                                  |                                                                                       |
| Ground terminal                |                       | —                                                                                                                               | —                                                                                   | ●                                                                                   | —                                                                                   | —                                                                                   | —                                                                                    | —                                                                                     | —                                                                                     | ●                                                                                     | ●                                                                                     |
| Operating temperature range    |                       | - 30℃ to + 85℃                                                                                                                  | - 40℃ to + 90℃                                                                      |                                                                                     |                                                                                     | - 30℃ to + 85℃                                                                      | - 40℃ to + 90℃                                                                       |                                                                                       | - 40℃ to + 85℃                                                                        | - 40℃ to + 90℃                                                                        |                                                                                       |
| Automotive use                 |                       | —                                                                                                                               | ●                                                                                   | ●                                                                                   | —                                                                                   | —                                                                                   | —                                                                                    | —                                                                                     | —                                                                                     | —                                                                                     | —                                                                                     |
| Life Cycle                     |                       |                                              |  |  |  |  |  |  |  |  |  |
| Rating (max.) (Resistive load) |                       | 50mA 12V DC                                                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| Rating (min.) (Resistive load) |                       | 10 μA 1V DC                                                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| Electrical performance         | Insulation resistance | 100M Ω min. 100V DC for 1min.                                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|                                | Voltage proof         | 250V AC for 1min.                                                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| Durability                     | Vibration             | 10 to 55 to 10Hz/min., the amplitude is 1.5mm for all the frequencies, in the 3 direction of X, Y and Z for 2hours respectively |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|                                | Lifetime              | Shall be in accordance with individual specifications.                                                                          |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| Environmental performance      | Cold                  | - 40 ± 2℃ for 96h                                                                                                               |                                                                                     |                                                                                     |                                                                                     | - 30 ± 2℃ for 96h                                                                   | - 430 ± 2℃ for 96h                                                                   |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|                                | Dry heat              | 90 ± 2℃ for 96h                                                                                                                 |                                                                                     |                                                                                     |                                                                                     | - 80 ± 2℃ for 96h                                                                   | 90 ± 2℃ for 96h                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|                                | Damp heat             | 60 ± 2℃ , 90 to 95%RH for 96h                                                                                                   |                                                                                     |                                                                                     |                                                                                     | 60 ± 2℃ , 90 to 95%RH for 1000h                                                     | 60 ± 2℃ , 90 to 95%RH for 96h                                                        |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| Page                           |                       | 229                                                                                                                             | 230                                                                                 | 232                                                                                 | 236                                                                                 | 237                                                                                 | 239                                                                                  | 241                                                                                   | 243                                                                                   | 230                                                                                   | 232                                                                                   |

W : Width. The most outer dimension excluding terminal portion.  
D : Depth. The most outer dimension excluding terminal portion.  
H : Height. The minimum dimension if there are variances.

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### Notes

- The automotive operating temperature range to be individually discussed upon request.
- indicates applicability to all products in the series, while ○ indicates applicability to some products in the series.

# TACT Switch™ Soldering Conditions

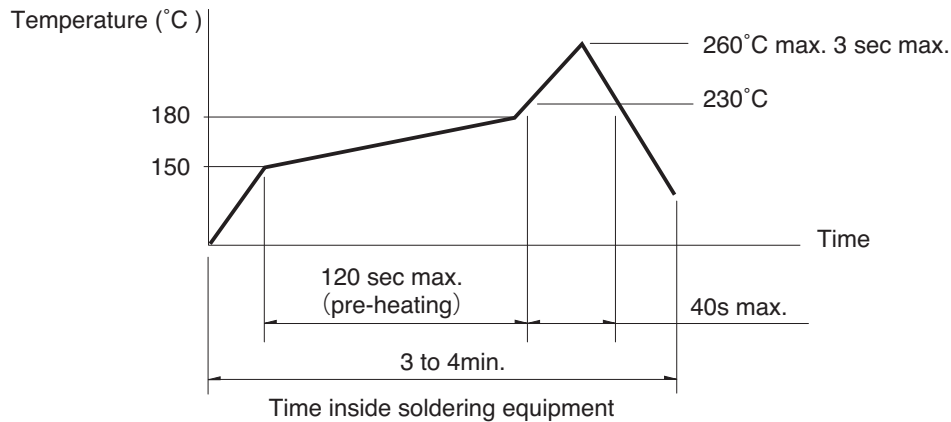
## Condition for Reflow

Available for Surface Mount Type.

1. Heating method: Double heating method with infrared heater.
2. Temperature measurement: Thermocouple 0.1 to 0.2 φ CA (K) or CC (T) at solder joints (copper foil surface).  
A heat resistive tape should be used to fix thermocouple.

3. Temperature profile

Detector  
Push  
Slide  
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TACT Switch™



## Notes

1. The above temperature shall be measured of the top of switch. There are cases where the PC board's temperature greatly differs from that of the switch, depending on the material, size, thickness of PC boards and others. The above-stated conditions shall also apply to switch surface temperatures.
2. Soldering conditions differ depending on reflow soldering machines. Prior verification of soldering condition is highly recommended.

## Conditions for Auto-dip

Available for Snap-in Type and Radial Type

| Items                  | Condition                                                           |
|------------------------|---------------------------------------------------------------------|
| Flux built-up          | Mounting surface should not be exposed to fluk                      |
| Preheating temperature | Ambient temperature of the soldered surface of PC board. 100°C max. |
| Preheating time        | 60s max.                                                            |
| Soldering temperature  | 260°C max.                                                          |
| Duration of immersion  | 5s max.                                                             |
| Number of soldering    | 2times max.                                                         |

### SKHH、SKPD Series

| Items                  | Condition                                                           |
|------------------------|---------------------------------------------------------------------|
| Flux built-up          | Mounting surface should not be exposed to fluk                      |
| Preheating temperature | Ambient temperature of the soldered surface of PC board. 110°C max. |
| Preheating time        | 60s max.                                                            |
| Soldering temperature  | 260°C max.                                                          |
| Duration of immersion  | 5s max.                                                             |
| Number of soldering    | 2times max.                                                         |

### SKQJ、SKQK、SKEG Series

| Items                  | Condition                                                           |
|------------------------|---------------------------------------------------------------------|
| Flux built-up          | Mounting surface should not be exposed to fluk                      |
| Preheating temperature | Ambient temperature of the soldered surface of PC board. 100°C max. |
| Preheating time        | 45s max.                                                            |
| Soldering temperature  | 255°C max.                                                          |
| Duration of immersion  | 5s max.                                                             |
| Number of soldering    | 2times max.                                                         |

## Notes

1. Consult with us for availability of TACT Switch™ washing.
2. Prevent flux penetration from the top side of the TACT Switch™.
3. Switch terminals and a PC board should not be coated with flux prior to soldering.
4. The second soldering should be done after the switch is stable with normal temperature.
5. Use the flux with a specific gravity of min 0.81.  
(EC-19S-8 by TAMURA Corporation, or equivalents.)

## Manual Soldering (Except SKRT Series)

| Items                      | Condition  |
|----------------------------|------------|
| Soldering temperature      | 350°C max. |
| Duration of soldering      | 3s max.    |
| Capacity of soldering iron | 60W max.   |

### SKHH、SKHW、SKRG、SKPD Series

| Items                      | Condition  |
|----------------------------|------------|
| Soldering temperature      | 360°C max. |
| Duration of soldering      | 3s max.    |
| Capacity of soldering iron | 60W max.   |

### SKQJ、SKQK、SKEG Series

| Items                      | Condition  |
|----------------------------|------------|
| Soldering temperature      | 350°C max. |
| Duration of soldering      | 3s max.    |
| Capacity of soldering iron | 20W max.   |