

## Free

（A）（C）（B）（A）（B）（B）（A）（B）（B）
※基板パターンにて繋いでください。
To be connected by PCB pattern．
回路
CIRCUIT



打鍵部推奨条件
Push part recommended conditions

※基板パターンにてB－D間を繋いでください。 To be connected B and D by PCB pattern．

Appointed area of soldering ＊シンドパターン禁止領域

Prohibition area of exposing patterns

## プリソト基板ランド推奨寸法

PCB land recommended dimensions

| NAME |
| :---: |
| DRawing No． |




## 11. Precautions :

(1) The setting of reflow condition should be verified under the actual mass production conditions.
(2) Characteristics may change due to the warping of printed circuit board. Consideration should be given to the pattern design and layout.
(3) Please do not wash this switch, for no washing type.
(4) This switch permits reflow soldering and the switch has the possibility to be mounted on the edge of the printed circuit board. But auto-dip shall not be done after the mounting of the switch because of the big possibility of the penetration of the soldering flux into the contacts sliding portion.
(5) In manual soldering, consider that the abnormal pressure of the soldering iron shall not be applied to the tip of the terminal as well do not apply any pressure for more than 1 minute after solder ing.
(6) Care shall be taken so that the flux shall not penetrate into the terminal portion.
(7) The operating characteristic will change if force is applied to the top of cover.
(8) On designing of hardware and software, please consider of chattering.
(9) Please check the mounting of the switch before using it.
(10) Example of reflow (reference)
(1)Heating : Heated from above and below by far-infrared heating.
(2)Temperature measuring method : Temperature shall be measured by using a 0.1 mm -dia. to 0.2 mm-dia. CA (K) or CC (T) thermocouple at the soldered joint. Heat resisting tape is used to fix the thermocouple.
(3)Temperature profile


| April/10/09 | Specification Taping Package | SPEC No <br> TSW. 24-01BJ•T80 |
| :---: | :---: | :---: |
| T. Iwanami |  |  |

1. Scope: This specifications is applied to the taping package for our Tactile switch (model TSW-24 with boss type)
2. Parts and materials:

| Package specification | Parts | Materials |
| :--- | :--- | :--- |
| Taping | Reel | Corrugated cardboard |
|  | Carrier Tape | PET or PS |
|  | Cover Tape | PET or PS |

3. Package quantity: 8, 000pcs. / reel (Standard Quantity)
4. Dimensions

5. Taping package form :
(1) Pilot holes of carrier tape shall be right side of pull out direction.

(2) Switch lacking and reverse direction packing is max $0.1 \%$ of package quantity. It is not continue more than 2 switches.
(3) Top and end of tape shall be non-packed portion ( $10 \sim 50$ branks) L Dimensions shall be 150 mm min.
(4) Direction of product: Knob shall be opposite side of pull out direction. Switch cover shall be same side of cover tape.
(5) Peeling strength of cover tape shall be $0.1 \sim 1.0 \mathrm{~N}(10 \sim 100 \mathrm{gf})$
(6) Following items shall be marked on the reel.

Our model No, Quantity, Production lot No, Our company name, RoHS mark.

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