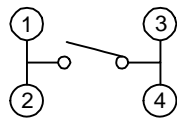


|        |      |        |      |
|--------|------|--------|------|
| Code-x | H    | Code-x | H    |
| A      | 4.3  | O      | 11.0 |
| B      | 4.5  | P      | 11.5 |
| C      | 5.0  | Q      | 12   |
| D      | 5.5  | R      | 12.5 |
| E      | 6.0  | S      | 13.0 |
| F      | 6.5  | T      | 13.5 |
| G      | 7.0  | U      | 14.0 |
| H      | 7.5  | V      | 15.0 |
| I      | 8.0  | W      | 15.5 |
| J      | 8.5  | X      | 16   |
| K      | 9.0  | Y      | 16.5 |
| L      | 9.5  | Z      | 17   |
| M      | 10.0 | 18     | 18   |
| N      | 10.5 | 19     | 19   |

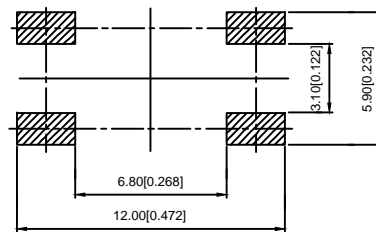
**SPECIFICATION**  
 Contact Rating: 50mA,12V DC  
 Contact Resistance: 100mΩ max  
 Insulation Resistance: 100mΩ min.500V DC  
 Dielectric Strength: 250V AC/1minute  
 Travel: 0.25mm  
 Operating Temp: -20℃~+70℃  
 Storage Temp: -40℃~+85℃

PACKING REEL TYPE

CIRCUIT DIAGRAM



P.C.B MOUNTING HOLES



|                 |   |
|-----------------|---|
| PAPT NO         | TS-1102SD-X-X-X   |
| Operating Force | A:100gf B:160gf C:260gf                                     |
| Height          | Code-x  |
| Color           | B:Black BR:Brown R:Red<br>O:Orange Y:Yellow BL:Blue W:White |

|      |           |        |     |               |                   |        |
|------|-----------|--------|-----|---------------|-------------------|--------|
| ⑤    | Terminal  | —      | 4   | Brass (0.30t) | Plating silvering | —      |
| ④    | Contact   | —      | 1   | F.ag/Sus      | Natural           | —      |
| ③    | Base      | —      | 1   | Pa46          | —                 | —      |
| ②    | Cover     | —      | 1   | Bass          | Plating Nickel    | —      |
| ①    | Keystake  | —      | 1   | Pa46          | —                 | —      |
| ITEM | PAPT NAMF | TER,NO | QTY | MATERIAL      | FINISHING         | REMARK |

|                                      |      |             |                                      |
|--------------------------------------|------|-------------|--------------------------------------|
| DSND                                 | DATE | SCALE: N/A  | MODEL TYPE:<br><b>TACT SWITCH</b>    |
| DWN                                  | DATE | VIEW:       | PART NO.:                            |
| CHKD                                 | DATE | UNIT: mm/in | DWG NO.:                             |
| APPD                                 | DATE | SIZE: A4    | <b>TS-1102SD-X-X-X</b>               |
| XKB INDUSTRIAL PRECISION CO.,LIMITED |      |             | WEIGHT SHEET REVISION<br>1.0g 1/1 A0 |

|   |             |      |         |          |                        |
|---|-------------|------|---------|----------|------------------------|
|   |             |      |         |          | units: mm              |
|   |             |      |         |          | tolerance:             |
|   |             |      |         |          | X.X ±0.2mm             |
|   |             |      |         |          | X.XX ±0.1mm            |
|   |             |      |         |          | X.XXX ±0.05mm          |
|   |             |      |         |          | UNSPECIFIED TOLERANCES |
| MARK  | DESCRIPTION | DATE | REVISED | APPROVED |                        |
| REVISIONS                                     |             |      |         |          |                        |
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