



## General Specifications

|                                 |                         |
|---------------------------------|-------------------------|
| Current Rating                  | :50mA                   |
| Voltage Rating                  | :12VDC                  |
| Dielectric Withstanding Voltage | :250VAC for 1 minute    |
| Contact Resistance              | :100m Ohm Max.(initial) |
| Insulation Resistance           | :100M Ohm Min.          |
| Operating Force                 | :200gf ± 50gf           |
| Total Travel                    | :0.3mm ± 0.1mm          |
| Operating Life                  | :1,000,000 cycles Min.  |
| Solder Specifications           | :260 deg. for 3 seconds |
| Function                        | :Momentary(SPST)        |
| Operating Temperature           | :-10 deg.~+60 deg.      |

## Materials

|                 |                                      |
|-----------------|--------------------------------------|
| Cap             | :Polycarbonate (PC)                  |
| Base            | :Polyamide (PA)                      |
| Reflector       | :Polyamide (PA)                      |
| Switch Terminal | :Brass with gold plating             |
| Action Dome     | :Stainless steel with silver plating |
| Sealing rubber  | :Silicone                            |

## HOW TO ORDER

S P J

| Terminal |                               |
|----------|-------------------------------|
| P        | Through hole                  |
| S        | SMD                           |
| T        | SMD Taping reel (400PCS/reel) |

| LED Color |              |
|-----------|--------------|
| 1         | Red          |
| 2         | Yellow       |
| 3         | Green        |
| 4         | White        |
| 7         | Blue         |
| O         | Green/Yellow |
| X         | Blue / Green |

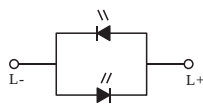
CAP Option  
See Page

|             |      |
|-------------|------|
| <b>6</b>    | P203 |
| <b>9/6</b>  | P205 |
| <b>12/6</b> | P205 |
| <b>9</b>    | P204 |
| <b>12</b>   | P205 |

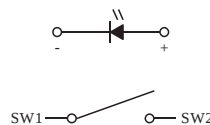
EXAMPLE:  
SPJP1YCA044TD

From Page P203

## Circuit Diagram



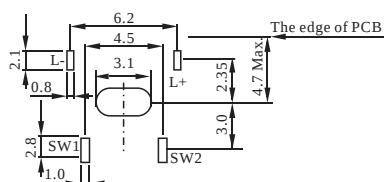
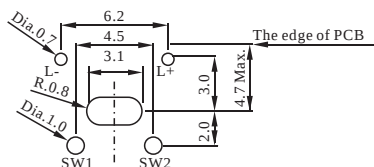
SPJ tact switch  
Dual Colors LED only



Through hole type - SPJ-P

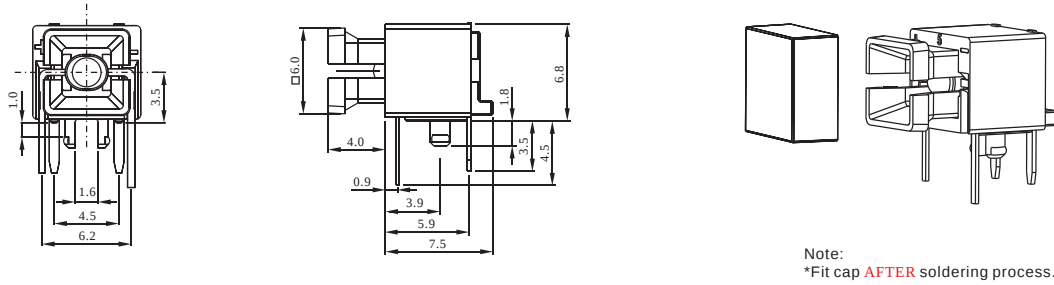
SMD type - SPJ-S

## PCB layout

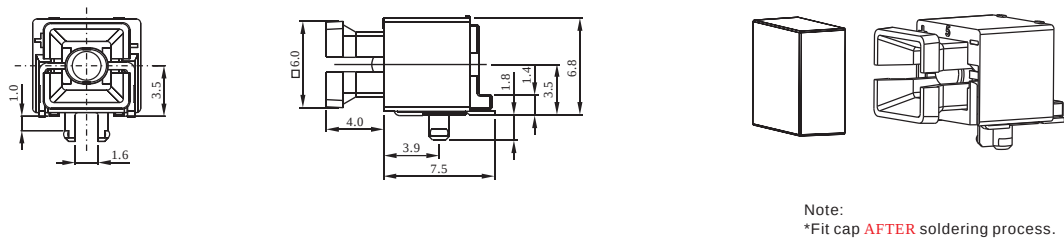


## POLE OPTIONS

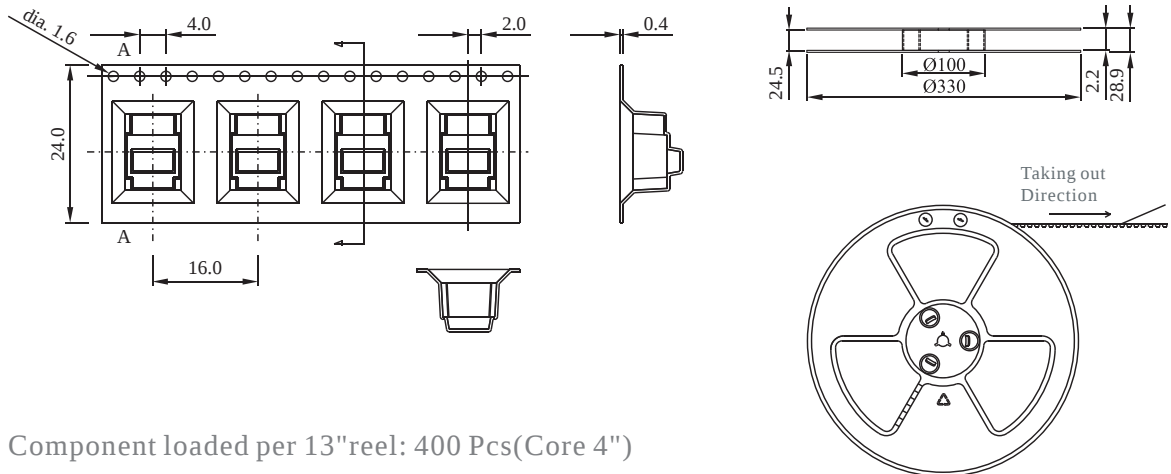
### Dimension-Through hole type



### Dimension - SMD type



## TAPING REEL DIMENSION



Component loaded per 13" reel: 400 Pcs(Core 4")