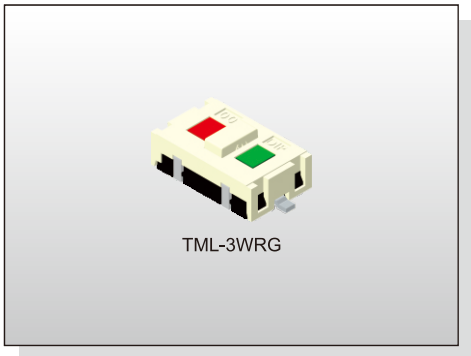


# ILLUMINATED SWITCH TML-3 SERIES

**Tact Switch  
Illuminated**



## FEATURES

- ※ Compact size
- ※ Bi-color LED light
- ※ Sharp click feeling

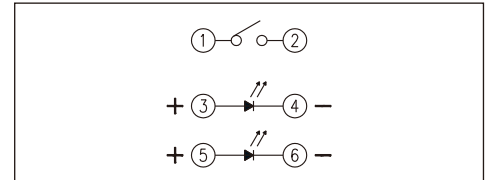
## APPLICATION

- ※ Testing equipment
- ※ Industrial device
- ※ Automation

## SPECIFICATION

|                       |                    |
|-----------------------|--------------------|
| Contact Rating        | 50mA, 12V DC       |
| Contact Resistance    | 100mΩ max.         |
| Insulation Resistance | 100MΩ min. 500V DC |
| Dielectric Strength   | 250V AC/1 minute   |
| Operating Force       | 160+80/-30gf       |
| Travel                | 0.2mm              |
| Operating Life        | 50, 000 cycles     |
| Operating Temp.       | -20°C ~ +70°C      |
| Storage Temp.         | -30°C ~ +80°C      |

## CIRCUIT

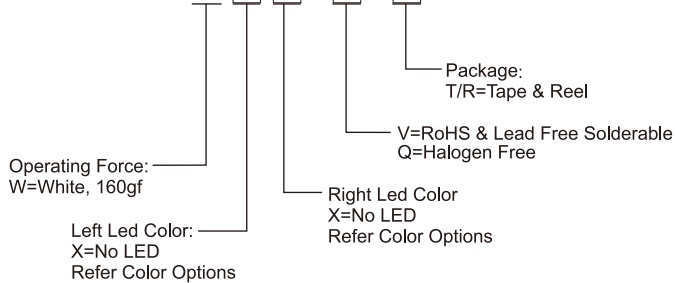


## PACKAGE

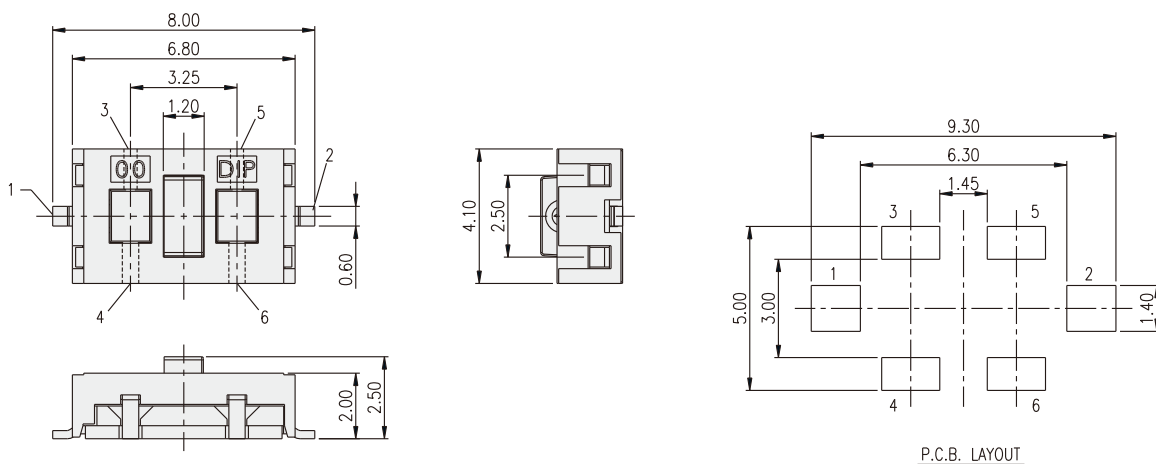
<Tape & Reel>  
3000 pcs.

## HOW TO ORDER

**T M L - 3 W**



## TML-3



## LED Color Options:

| Part No. | Color        | Dominant Wavelength<br>$\lambda_p$<br>Typ.(nm) | Luminous Intensity<br>$I_v$ (mcd) | Forward Voltage<br>$V_F$ (V) |      | View Angle<br>$2\theta_{1/2}$ (Degree) |
|----------|--------------|------------------------------------------------|-----------------------------------|------------------------------|------|----------------------------------------|
|          |              |                                                | Typ.                              | Typ.                         | Max. |                                        |
| B        | Blue         | 470                                            | 70                                | 3.0                          | 3.6  | 140°                                   |
| G        | Yellow Green | 570                                            | 30                                | 2.0                          | 2.3  |                                        |
| O        | Yellow       | 590                                            | 60                                | 2.0                          | 2.3  |                                        |
| A        | Soft Orange  | 605                                            | 50                                | 2.0                          | 2.3  |                                        |
| R        | Red          | 630                                            | 60                                | 2.0                          | 2.3  |                                        |
| W        | Cold White   | X:0.30 / Y:0.30                                | 350                               | 3.0                          | 3.6  |                                        |