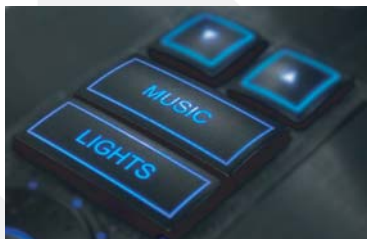




Shan Pu

Illuminated Tactile Switches Series **SPDD**



PAT. M557906
PAT. M558987

General Specifications

Switch circuit : SPST
Switch contact rating : 50mA @ 12V DC max
LED rating : 40 mA max
for two leds connect in parallel
Contact Resistance : 500mOhm Max.(initial)
Insulation Resistance : 100MOhm Min.
Operating Force : 400gf ± 100gf
Total Travel : 0.3 mm ± 0.1mm
Mechanical Life : 200,000 cycles Min.
Operating Temperature : -25°C ~ +60 °C

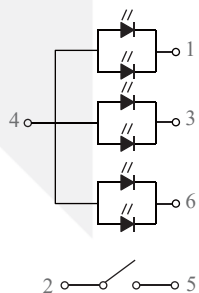
Materials

Cap : Polycarbonate (PC)
Diffuser : Polycarbonate (PC)
Reflector : Polyamide(PA)
Base : Polyamide(PA)
PCB : Copper Clad Laminate (CCL) with gold plating

Feature

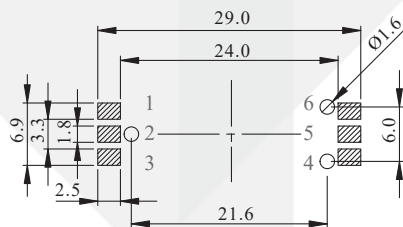
- The same height as SPD0.
- Build your own legend.
- RGB LED, Wide size ,Full face illumination.
- Marking Service.

PCB Circuit Diagram & PCB layout



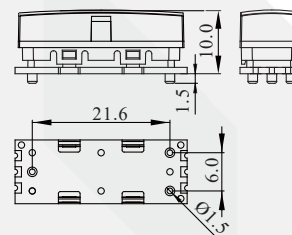
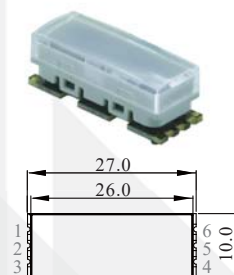
Pin	Function
1	Red LED (-)
2	SW COM.
3	Blue LED (-)
4	LED (+)
5	SW N.O.
6	Green LED (-)

Recommend add resistor to limited each LED forward current at 20mA

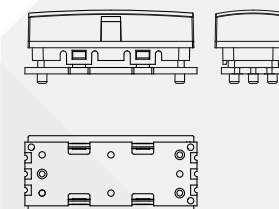
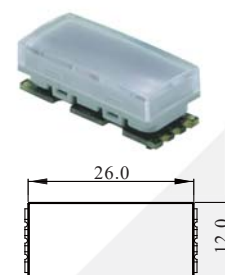


Dimension

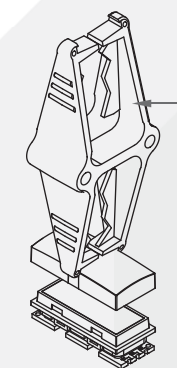
/ Part Nnumber:
SPDDC9AAT



/ Part Nnumber:
SPDDC9BAT



Option: tool for remove cap
Part Number: YTW0015-A



Note:

*Fit the Cap **AFTER** soldering process.

