Tactile Switch





Features:

- Sharp click with positive tactile feed-back
- · Ultraminiature and light weight
- · Contact moulding prevents flux build-up enabling auto-dipping

Specifications:

Mechanical:

Switch Terminals : Through Hole

External Length / Height : 7mm

External Width : 6.1mm

Height : 4.8mm

No. of Electrical Operations : 20,0000

Series : TLL

Switch Operation : SPNO

 $\begin{array}{lll} \text{Operation Force} & : 160 \pm 50 \text{gf TL(L)-62} \\ \text{Stroke} & : 0.2 \pm -0.1 \text{mm} \\ \text{Operation Temperature} & : -25^{\circ}\text{C to} \pm 70^{\circ}\text{C} \\ \text{Storage Temperature} & : -30^{\circ}\text{C to} \pm 80^{\circ}\text{C} \\ \end{array}$

Electrical:

Electrical Life : 200,000 cycle minimum

Rating : 50mA, 12V DCContact Resistance : $100\text{m}\Omega$ Max.

Insulation Resistance : 100MΩ Max. 500V DC Dielectric Strength : 250V AC/minute

Contact Arrangement : SPST

Materials:

Contact Disc : Stainless steel

Terminal : Brass with Silver plating

Base : LCP high-temperature thermoplastic

Colour : Black

Stem : NYLON high-temperature. Thermoplastic

Colour: Brown

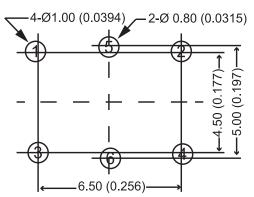
Soldering Process:

Wave Soldering : Recommended solder temperature at 500°F (260°C) Max. 5 Seconds

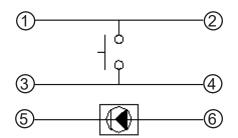
Hand Soldering : Use a soldering iron of 30 watts, Controlled at 608°F (320°C) approximately 2 seconds

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PCB Layout



Circuit Diagram

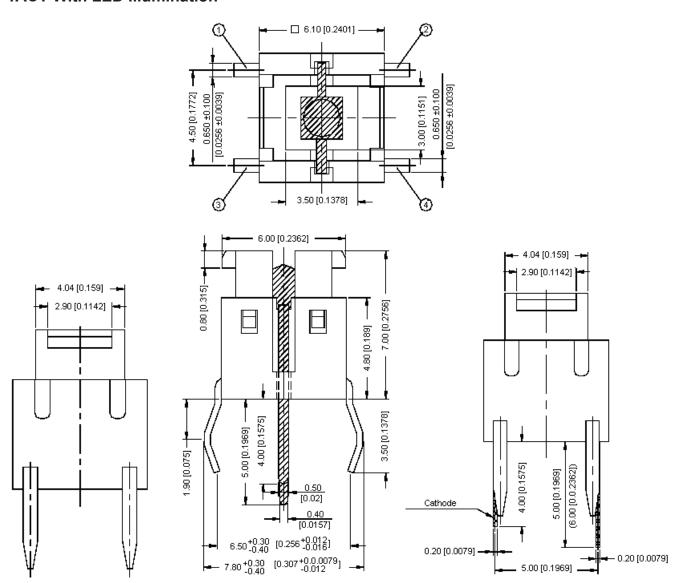




Tactile Switch

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TACT With LED Illumination



Dimensions: Millimetres (Inches)

Part Number Table

Description	Led Colour	Part Number
Tactile Switch	Red	TLL-62BR
	Yellow	TLL-62BY
	Green	TLL-62BG

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