



## Specifications

### Mechanical

Mechanical Life	: 30,000 operations
Operating Force	: 200 ±150 gf red (R)
Operating Temperature	: -40 to +85°C
Storage Temperature	: -40 to +85°C
Stroke	: 1.3 +0.1mm / -0.3mm

### Electrical

Electrical Life	: 30,000 cycles
Rating	: 50mA, 12V DC
Max. Contact Resistance	: 100 mΩ at 500 V dc
Min. Insulation Resistance	: 100 MΩ at 500 V dc
Dielectric Strength	: 300V AC / 1 minute
Contact Arrangement	: 1 pole 1 throw

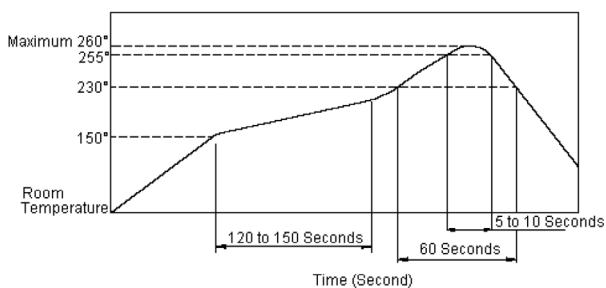
### Materials

Cover	: Nylon UL 94V-0 high-temperature thermoplastic Colour : Black
Silicone Dome	: Silicone rubber with metal contact With gold plating
Stem	: Nylon UL 94V-0 high-temperature thermoplastic Colour : Red
Base	: Nylon UL 94V-0 high-temperature thermoplastic Colour : Black
Terminal	: Brass, with silver plating

## Soldering Process

Hand Soldering : Use a soldering iron of 30 watts, controlled at 350°C approximately 5 seconds while applying solder

Reflow Soldering : When applying reflow soldering, the peak temperature or the reflow oven should be set to 260°C maximum

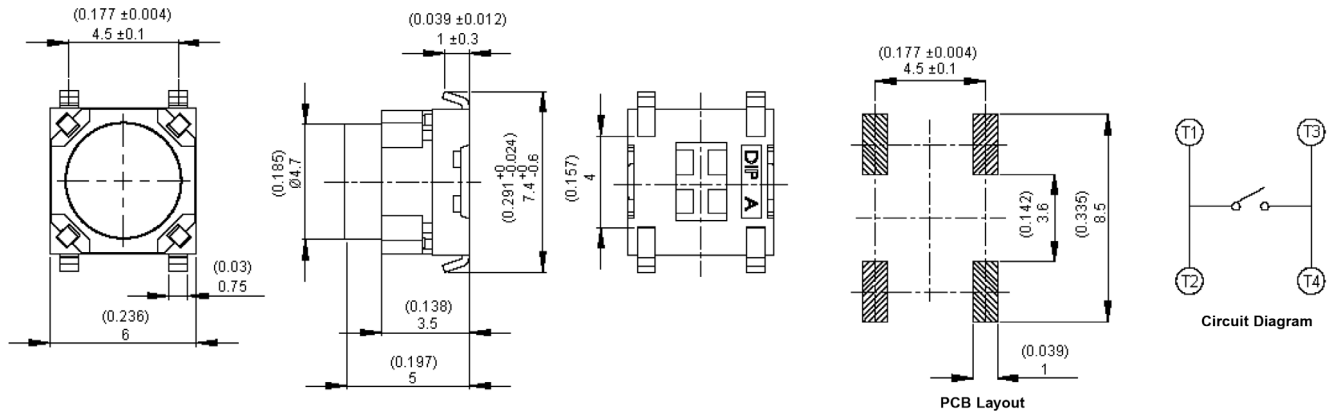


Reflow Temperature Profile

# Push Button TACT Switch



## Diagram



Dimensions : (Inches) Millimetres

## Part Number Table

Description	Part Number
Tactile Switch, SPST, SMD	MCLTL-613R

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