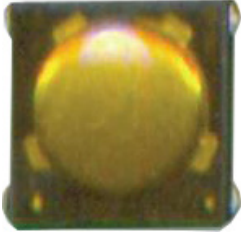


# Tactile Switch Vertical SMD



## Specifications

### Mechanical:

Operating Force : 160 ±50gf  
 Stroke : 0.2 ±0.1mm  
 Operating Temperature Range : -20°C to +70°C  
 Storage Temperature Range : -30°C to +80°C

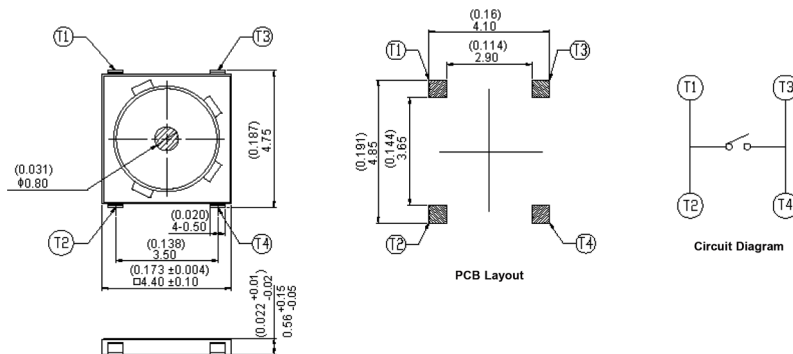
### Electrical:

Electrical life : 200,000 cycles  
 50mA, 12V DC  
 Max. Contact Resistance : 100mΩ  
 Min. Insulation Resistance : 100MΩ at 500V DC  
 Dielectric Strength : 350V AC/1 minute  
 Contact Arrangement : 1 pole 1 throw

### Material:

Base : High-temperature thermoplastic  
 Colour : Black  
 Contact : Stainless steel with silver cladding  
 Terminal : Phosphor bronze with silver cladding  
 Tape : Kapton

## Diagram



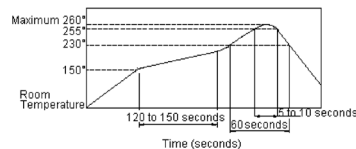
Dimensions : Millimetres

## Soldering Process:

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

Reflow Soldering : Vapor phase and reflow soldering can be applied.

### Temperature Profile:



## Part Number Table

Description	Part Number
Switch, Micro Tactile SMD	MCTJ-416-V

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