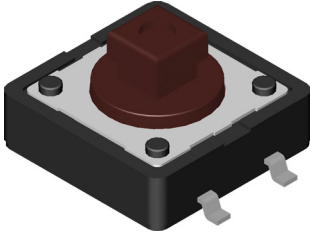


# Tactile Switches

## 12mm × 12mm, Surface Mount

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**RoHS  
Compliant**



### Features

- High reliable metal contacts
- Reflow solderable
- Cap options

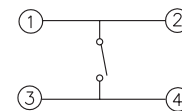
### Application

- Audio, OA Equipment
- Instrumentation
- Industrial

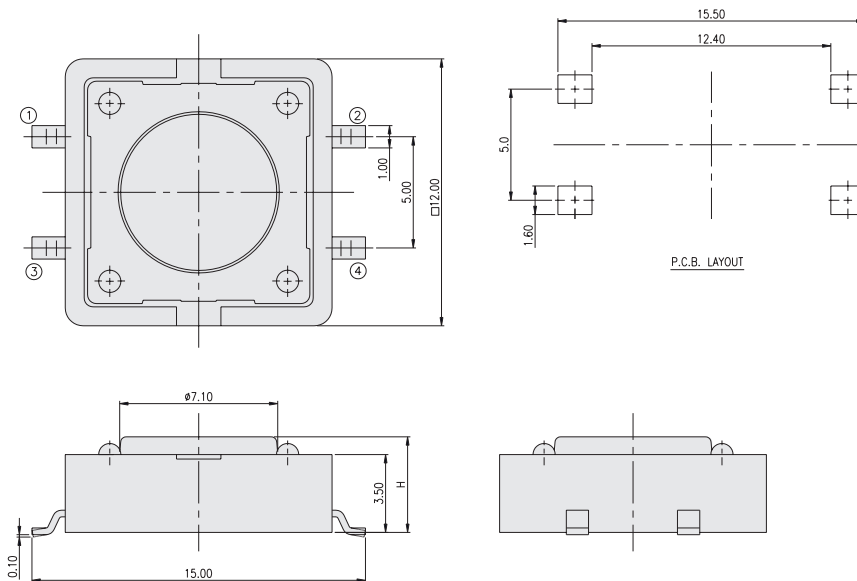
### Specification

Contact Rating	: 50mA, 12V DC
Contact Resistance	: 100mΩ max.
Insulation Resistance	: 100MΩ min. 500V DC
Dielectric Strength.	: 250V AC / 1 minute
Operating Force	: 130 ±50gf, Black(K) 160 ±50gf, Brown(N) 260 ±50gf, Red(R)
Travel	: 0.35mm
Operating Life	: Phosphor Bronze Dome 100,000 cycles (260gf) 200,000 cycles (160gf) Stainless Steel Dome 500,000 cycles (260gf) 1,000,000 cycles (160gf) 10,000,000 cycles (130gf)
Operating Temp.	: -25°C to +70°C
Storage Temp.	: -30°C to +80°C

### Circuit



### Diagram



Dimensions : Millimetres

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# Tactile Switches

## 12mm × 12mm, Surface Mount

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### Part Number Table

Description	Part Number
Tactile Switch, Surface Mount, 4.3mm, Black, 130gf	MPTSM-21K-S-V
Tactile Switch, Surface Mount, 4.3mm, Brown, 160gf	MPTSM-21N-S-V
Tactile Switch, Surface Mount, 4.3mm, Red, 260gf	MPTSM-21R-S-V
Tactile Switch, Surface Mount, 7.4mm, Black, 130gf	MPTSM-23K-S-V
Tactile Switch, Surface Mount, 7.4mm, Brown, 160gf	MPTSM-23N-S-V
Tactile Switch, Surface Mount, 7.4mm, Red, 260gf	MPTSM-23R-S-V
Tactile Switch, Surface Mount, 8.5mm, Black, 130gf	MPTSM-25K-S-V
Tactile Switch, Surface Mount, 8.5mm, Brown, 160gf	MPTSM-25N-S-V
Tactile Switch, Surface Mount, 8.5mm, Red, 260gf	MPTSM-25R-S-V

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