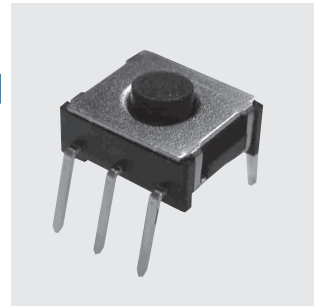


TME

Tactile Switches

Washable

RoHS Compliant



Features

1. Compatible With Lead-Free Soldering

Heat-resistance resin for lead-free soldering.

2. Washable

3. 2.54 mm Terminal Pins

4. Compatible with Automatic IC Insertion Machine

(Stick packaging, 50 pcs/stick)

5. 180° Symmetric Terminal Pin Layout.

6. Anti-Static Electricity

Ground terminal is provided to prevent damage to element caused by static electricity.

7. Metal contact for sharp tactile feel.

Specifications

Contact plating	Silver plated
Max.Rating	1 VA max. (50 mA max.48 VDC max.)
Initial contact resistance	100 mΩ max. {1.5 mA 200 μVAC at 1.96 N {200 gf} force}
Dielectric strength	250 VAC 1 minute
Insulation resistance	100 MΩ min. (100 VDC)
Electrical life	1,000,000 operations
Stroke	0.5±0.3 mm
Operating force	1.96±0.98 N
Operating temperature range	-25~+70 °C
Storage temperature range	-40~+70 °C

Part Numbering

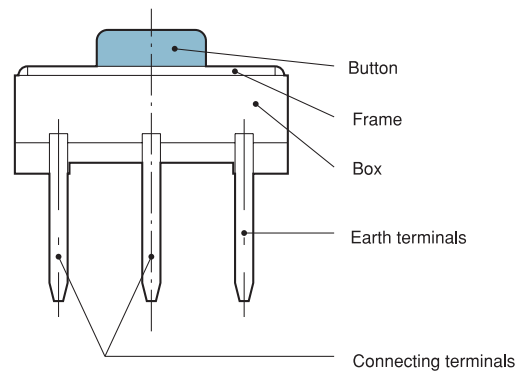
TME 1 - 01 - Z

Series code

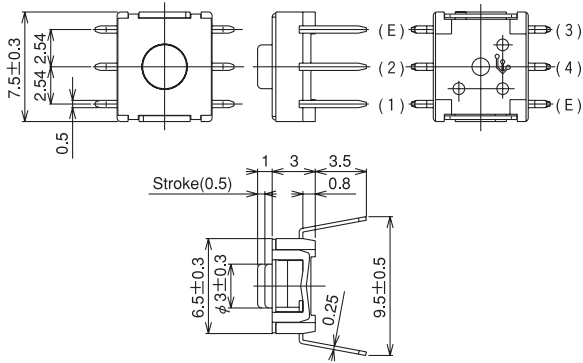
Structure

Registration No.

Structure



■ SPST



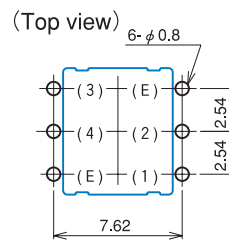
Part No.	Switching function		Circuit diagrams
TME1-01-Z	OFF	(ON)	
Connecting terminals	—	(2) — (1) (3) — (4)	

(ON) : Momentary

■ Table of Part Numbers

Contact plating	Part No.
Silver plated	TME1-01-Z

■ PC Hole Layouts



• Terminal (E) to be connected to Ground. Terminal (E) is connected to the metal frame.

The blue line shows the outline of the switch.

■ Soldering Specifications

(1) Manual Soldering

Device : Soldering iron
380°C ±10°C; 3±0.5 seconds

(2) Auto Soldering

Device : Jet wave type or dip type
275°C; 6 seconds, Max.
• Preheating should be at 80°C to 120°C, max., within 120 seconds.

(3) When soldering two or more terminals to the common land, use solder resist to solder them independently.

■ Flux Cleaning

- (1) Solvent: Fluorine or Alcohol type Cleaning with other solvents or water is not possible.
- (2) Cleaning after soldering should be done after the terminal temperature falls to 90°C or below, or after leaving the switch for five minutes or longer at room temperature. Cleaning temperature: 43°C, max.
- (3) Do not use ultrasonic cleaning.

■ Packaging Specifications

