



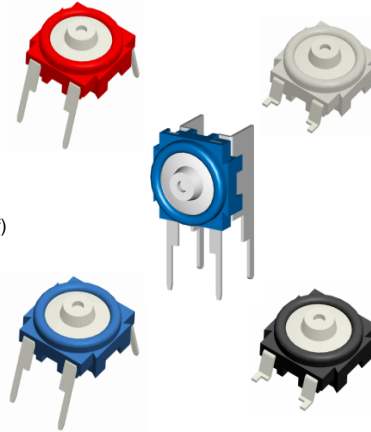
### Typical Applications

- ◆ Automotive
- ◆ Instrumentation
- ◆ Industrial control
- ◆ Medical
- ◆ Military

### Specifications

- ◆ Contact Rating : 24VDC, 20mA; max. 0.5W
- ◆ Contact Resistance : 100mΩ max. (after life test: 200mΩ max.)
- ◆ Insulation Resistance : 1000MΩ min. at 100VDC
- ◆ Dielectric Strength : 250VAC, 50Hz for the duration of 1 minute
- ◆ Operating Temperature : -40°C to +85°C
- ◆ Mechanical Life : min. 1,000,000 operations
- ◆ Push Force : 400gf±100gf/ 4.0N ±1.0N (after life test: 200-500gf)
- ◆ Travel : 0.75 ±0.25mm
- ◆ Contact : Gold-plated over Nickel barrier
- ◆ Terminal : Tin-plated over Nickel barrier
- ◆ Dome : Gold-plated over Nickel barrier
- ◆ Mounting : on pc-board
- ◆ Wave Soldering : 260°C 10 Sec. Max.
- ◆ Reflow Soldering : 260°C 30 Sec. Max.
- ◆ Hand Soldering : 350°C 3 Sec. Max

meet IP67



### Package

P/N	Quantity per Tube
TE0	50
TES0 / TESM0	50
TE1	50
TES1 / TESM1	50
TE1Y	50

P/N	Quantity per Reel
TES0-R / TESM0-R	1100
TES1-R / TESM1-R	1100

P/N	Quantity per Bag
CAP	1000

### Order Information

**Subminiature Tact Switch**  
TE series

**TE S 1 Y 6 - R - U**

**Terminal Type**  
None=Thru-hole  
S=SMD  
SM=SMD (For Plus Cap)

**Circuit**  
0= Pin ①② vs ③④  
1= Pin ①③ vs ②④

**Push Force**  
None= 400gf/ 4.0N  
6= 600gf/ 6.0N

**Package**  
None=Tube  
R=Tape & Reel

**None=Standard**  
U=Halogen Free

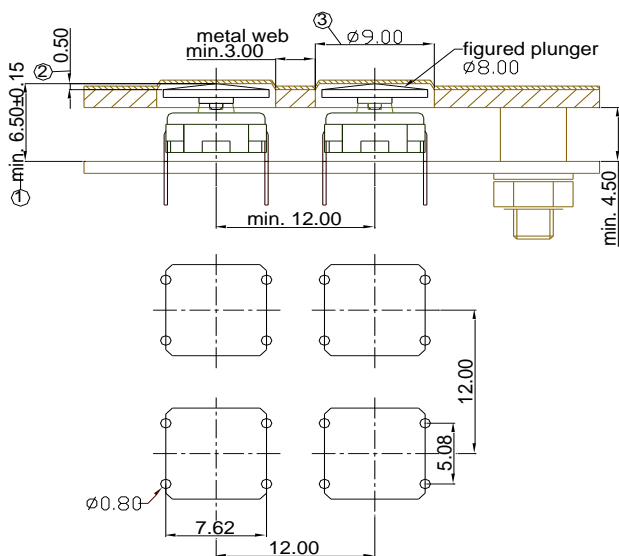
**A 00**

**A=Square**  
**B=Round**  
**C=Square type**  
Texture surface

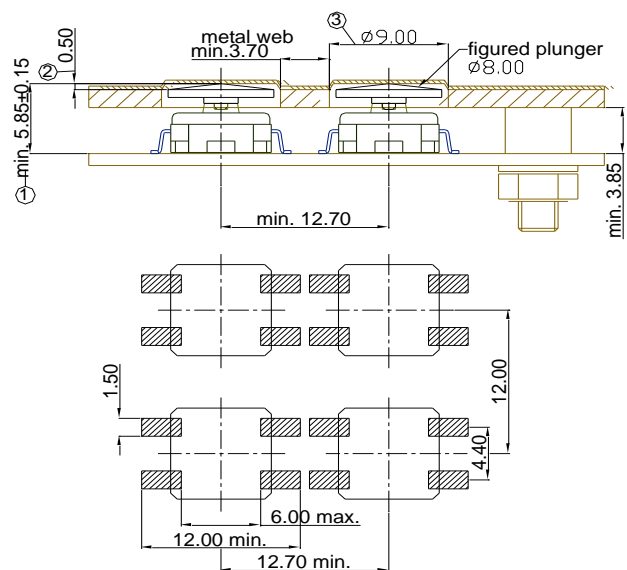
**00=Blue**  
**02=Green**  
**03=Light Grey**  
**04=Yellow**  
**05=Dark Grey**  
**06=White**  
**08=Red**  
**09=Black**

### TE Typical system assembly with Plunger under overlay

Solder terminal for PCB.



SMD gullwing terminal



### Explanation:

- 1 Overall height = TE + plunger
- 2 Recommended area embossing 0.35 mm at glue spacer thickness of 0.15 mm
- 3 Front panel cut out = plunger diameter + 1 mm

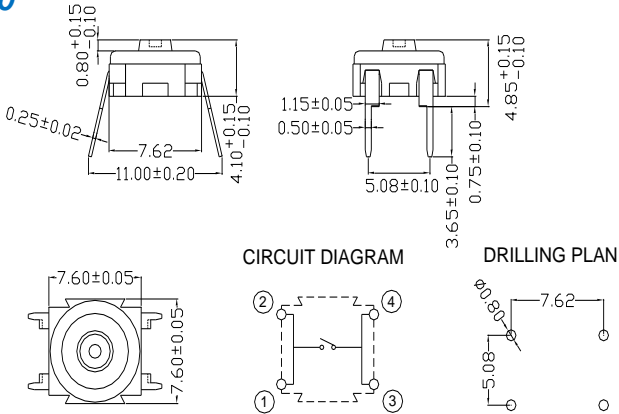


RoHS Compliant

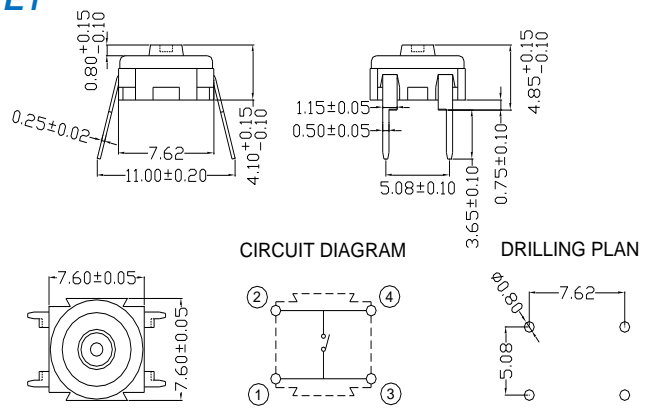
BIWIN / Sab®

TE Series — Subminiature Tact Switch

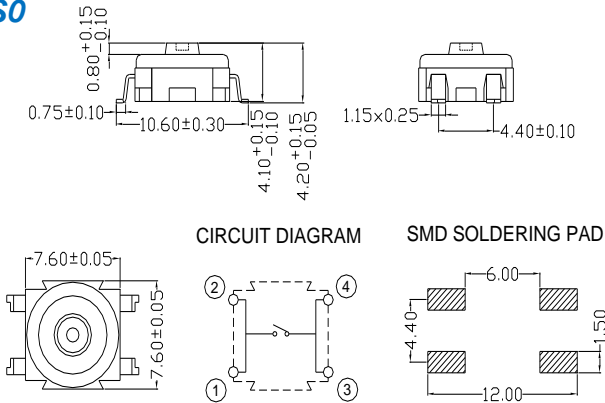
TE0



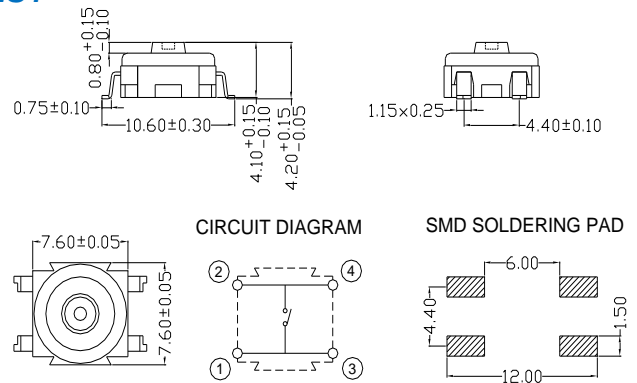
TE1



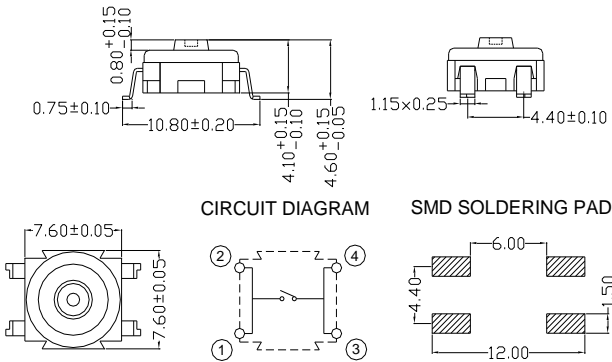
TES0



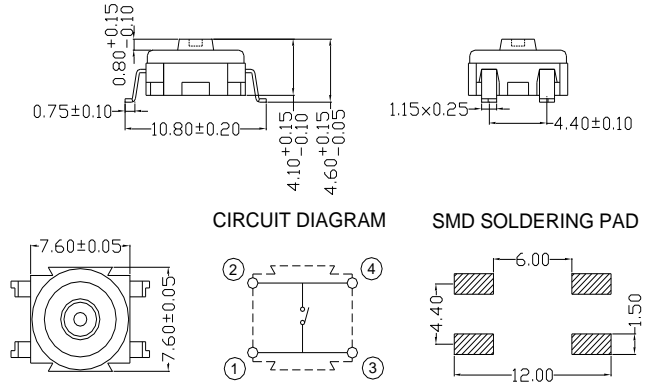
TES1



TESM0



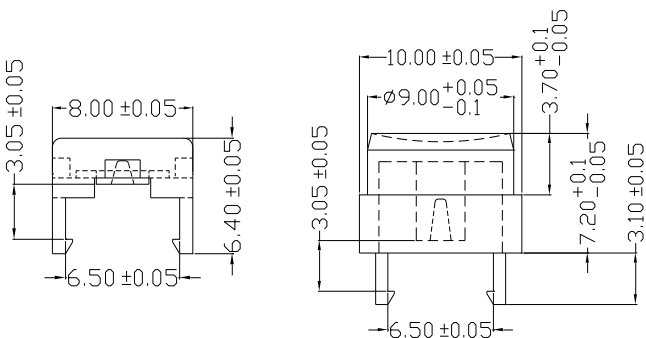
TESM1



CAP

A (Square)

B (Round)



TE1Y

