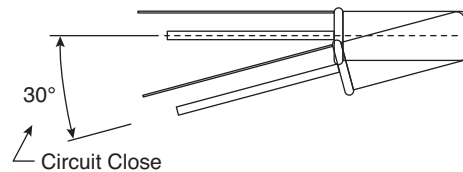
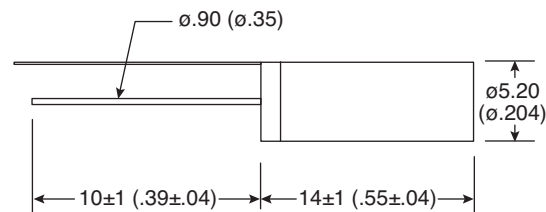
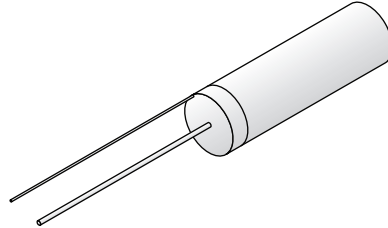


## Dimensions: mm (in.)

**Electrical Specifications:**

- Maximum switch rating: <math><6\text{mA}</math> 24VDC
- Electrical life endurance: >50000 cycles
- Contact Resistance:  $2\Omega$  max. (measured at  $45^\circ$  tilt)

**Mechanical Specifications:**

- Differential angle:  $30^\circ$  max.
- Operation temperature:  $0^\circ\text{C} \sim +100^\circ\text{C}$

**Materials:**

- Housing: Copper coated with nickel
- Terminal: Brass coated with nickel
- Rolling ball:  $\phi 4\text{mm}$  steel balls x2  $\phi 4\text{mm}$  steel coated with gold
- Plastic body: FR-PBT + 30% glass fiber  
Melting point:  $224^\circ\text{C}$   
Deformed temperature:  $210^\circ\text{C}$
- Glue: E-532A  
Flameability: UL 94-V0

**Soldering Process:**

- Temperature:  $250^\circ\text{C}$ , 3 seconds  
(Can be soldered by hand only.)

**Note:**

- RoHS Compliant

**Rolling Ball Tilt Switch**  
107-2005-EV

**Mountain  
Switch**

Available from Mouser Electronics

www.mouser.com

1-800-346-6873

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