

# Roller Ball - Tilt Switch

**Tilt Angle: 10° for Horizontal Mount PCB**



**RM-RUA-10-000-BB**

## Specifications

1. Contact rating: 0.4VA max. @ 20VAC or DC
2. Contact Resistance: < 5 ohms typ. (initial); 10 ohms typ. (end of life)
3. Insulation Resistance: 1000 MegOhms (min) @ 100VDC
4. Dielectric Strength: 500VDC (min) for 1 minute
5. Temperature range: -25°C to +85°C (operating)  
-40°C to +85°C (storage)
6. Electrical/Mechanical Life: 100,000 cycles
7. Solderability: 260°C -5°C for 5 -0.5 seconds
8. Patent: Pending

## Materials

1. Housing: Glass-filled Polyamide, UL94-V0
2. Terminals: Copper alloy, Gold plate over Nickel plate
3. Contact Ball: Copper alloy, Gold plate over Nickel plate

## \* Mercury Switch Alternative

## Applications

- |                   |                   |
|-------------------|-------------------|
| Alarm Devices     | Appliances        |
| Meters            | Games             |
| Heating Equipment | Medical Equipment |
| Vending Machines  | Handheld Device   |
| Seismic Equipment |                   |

