Micro G Switch
Side Contact
Model AT-1300-S

Specifications

OPERATING CHARACTERISTICS:
- Sensitivity: XY plane (perpendicular to PCB)
- Contact Acceleration Threshold (nominal): 1300 g
- Contact Type (3): Normally Open, Non-Latching
- Response Time: < 50 µs
- Reset: Automatic with g decay

ELECTRICAL CHARACTERISTICS
- Contact Resistance (1): < 10 ohms
- Insulation Resistance (min.): 1000 Mohm
- Breakdown Voltage: > 200 VDC

ENVIRONMENTAL RATINGS:
- Operate Temperature Range: -55 to +125 °C
- Storage Temperature Range: -55 to +125 °C
- PCB/Pad Shear Force: > 20 N

PHYSICAL CHARACTERISTICS:
- Nominal Dimensions (LxWxH): 1.84 x 1.84 x 1.3 mm
- Volume: 3.7 mm³
- Mass: 20 milligrams
- ROHS Compliant?: Yes

Note that the information on this data sheet is for reference only. Please verify the specifications as well as suitability for your application by consulting our engineering department.

FEATURES:
- Small and Lightweight – 3.4 mm²
- Extremely Fast Response Times
- High Shock Survivability – 65,000+ g
- Surface Mount – Au over Ni Pads
- Tape and Reel Packaging
- Hermetic Seal

APPLICATIONS:
- Impact Detection
- Arming / Fuzing
- Artillery, Launch
- More

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