

Bidirectional Latching Solenoid

The bidirectional latching solenoid was designed as a tamper-resistant security device for business or consumer equipment. The solenoid used only a short pulse of current to actuate and no power to maintain state, which made it ideal for battery-operated applications. Stroke, force, voltage, and package size were customizable to meet application requirements.

Features & Benefits

- + Compact design
- + Low power consumption
- + Does not require constant power to maintain state
- + Configurable to meet application power requirements
- + Ideal for battery-operated applications

Applications

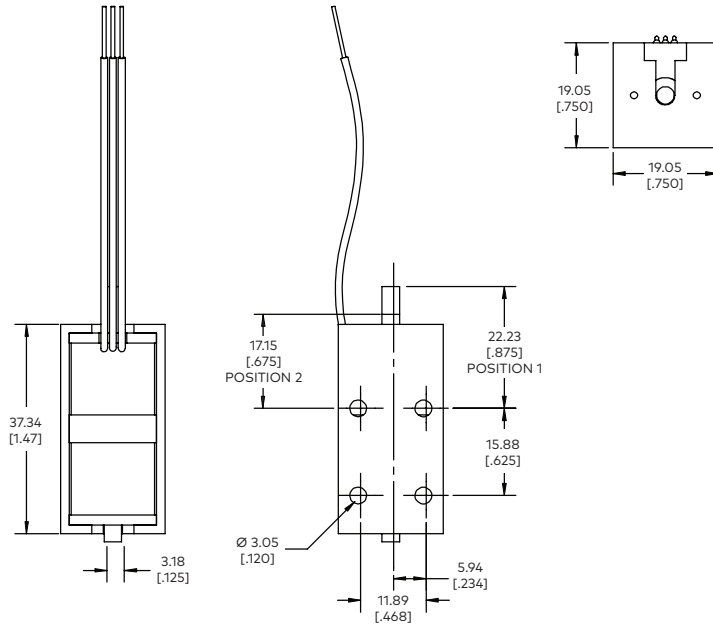
- + Compact locks
- + Business equipment
- + Battery-operated locks
- + Banking equipment

Technical Data (custom configurations available)

- + Stroke: 5.1 mm
- + Holding force: 5.6 N
- + Supply voltage: 12 or 24 Vdc
- + Operating temperature range: -40°C to 60°C (-40°F to 140°F)
- + Coil resistance at 20°C: 12 Ω
- + Durability: > 100M cycles
- + Duty rating (%ED): 100% ED
- + Side load: 220 N

All TLX components are customized to fit system requirements, meaning technical specifications are unique to each customer and design. Examples given are for illustration purposes only.

Dimensional Drawings (dimensions in millimeters [inches])



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