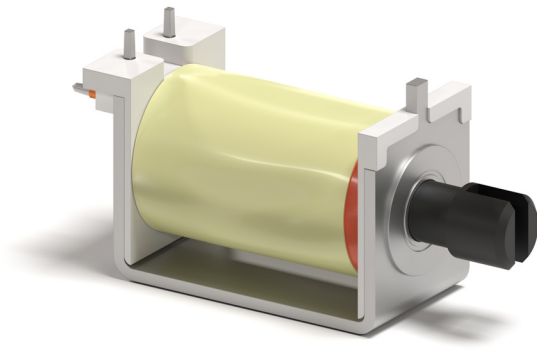




Miniature U-Frame Latching Solenoid

The miniature U-frame solenoid was about the size of a penny and had a long stroke relative to its package size. The solenoid was designed to be mounted to a printed circuit board and was ideal for applications with tight space constraints. Configurable as either a continuous duty or a latching solenoid, it was suitable for instrumentation, circuit breakers, and miniature relays.

Features & Benefits

- + Small package size
- + Long stroke
- + PC board mountable
- + Configurable for continuous duty or latching operation

Applications

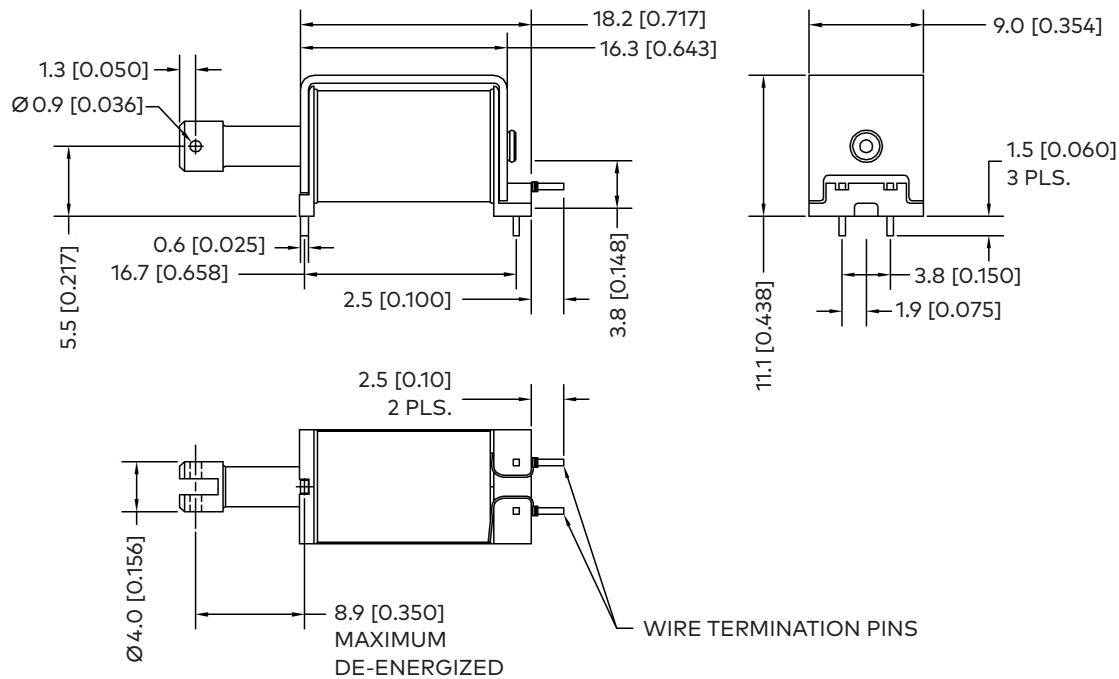
- + Instrumentation
- + Circuit breakers
- + Miniature relays

Technical Data (custom configurations available)

- + Stroke: 5.13 mm
- + Coil resistance at 20°C: $40.5 \Omega \pm 4 \Omega$
- + Hold current: 75 mA
- + Peak and hold current: 200 mA for 500 ms
- + Spring load: 0.069 N
- + Pull force: 0.069 N
- + Operating temperature range: -40°C to 85°C (-40°F to 185°F)
- + Durability: > 50K cycles

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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