TLX TECHNOLOGIES
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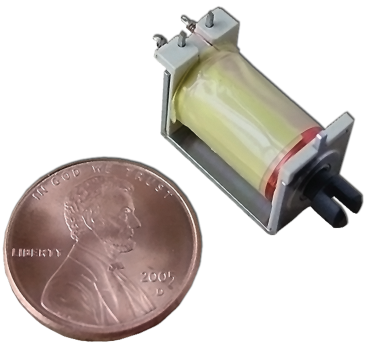
Miniature "U-Frame" Solenoid



Description

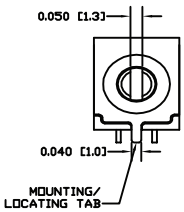
This example of a continuous duty solenoid is miniature in size but with a relatively long stroke and high force. Suitable for use in instrumentation, miniature relays, circuit breakers and battery operated locks.

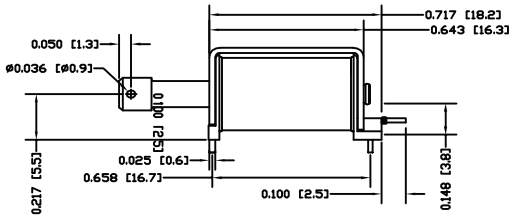
Typical Applications

- Electric Locks
- Business Equipment
- Computer Case Lock
- Computer Docking Station Lock
- ATM Machines
- Battery Operated Locks
- Vending Equipment
- Medical Supply Cabinets

Features & Benefits

- Spring return
- Coated plunger
- Terminal connection
- Can be PC board mounted





Typical Specifications (Custom configurations available)

Coil Resistance at 20°C	40.5 ± 4 Ω
Supply Voltage	10 to 16 Vdc
Hold Current	75 mA
Peak and Hold	200 mA for 500 ms
Spring Load	.069 N (.25 oz)
Net Pull Force	.069 N (.25 oz)
Operating Temperature Range	-40 to 85°C (-40 to 185°F)
Durability	>50,000 cycles

LATCHING TECHNOLOGY

Capable of holding in position without the constant application of electrical current. Latching technology is well suited for battery operated applications.

HIGH-SPEED TECHNOLOGY

For applications requiring extremely accurate and high speed control of fluids, position or pressure. TLX's technology allows for response times in as little as 200 microseconds.

PROPORTIONAL TECHNOLOGY

For applications requiring accurate and repeatable control, low hysteresis, and a flat force vs. stroke curve. TLX's technology allows for a smaller package size for the same force requirement.

HIGH TEMPERATURE TECHNOLOGY

For applications requiring consistent performance under extremely high operating temperatures. TLX's high temperature technology offers proven operation in ambient temperatures exceeding 500°F (260°C).

ISO 9001:2015 Certified

View more information and read additional case studies on our website at www.tlxtech.com.

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Innovative Electromagnetic Solutions