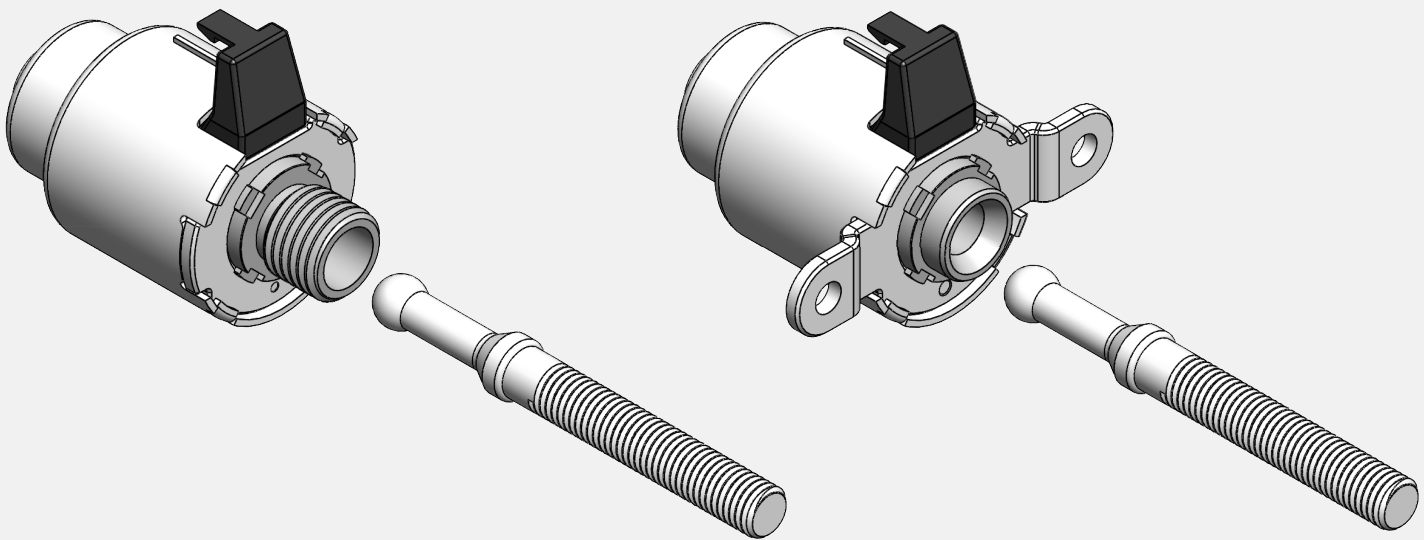


## > BALL-DETENT SOLENOID



Magnet-Schultz of America (MSA), a leading innovator and manufacturer of Electromagnetic Devices, offers a new family of Ball-Detent Solenoids designed for use in locking applications.

The unit features a “Push to Lock” functionality which allows the Ball-Shaft to mate with the receptacle and remain locked without consuming power. Applying power will disengage the lock.

High holding forces, a minimal package size, and alignment tolerances allow this unit to act as a cost-effective replacement to complex locking assemblies.

MSA’s collaborative innovation approach is perfectly suited to design customized derivatives of the Ball-Detent Solenoid. Function, size, and power alterations are possible for orders made in volume. Low energy variants will be available.

- Compact Size to Hold Force Ratio
- Reduces Component Count
- Multiple Mounting Options
- Robust Design
- RoHS Compliant

Learn more about MSA’s Ball-Detent Solenoid products—visit [Magnet-SchultzAmerica.com](http://Magnet-SchultzAmerica.com),  
or contact us directly at 630.789.0600.

401 Plaza Drive, Westmont, Illinois 60559

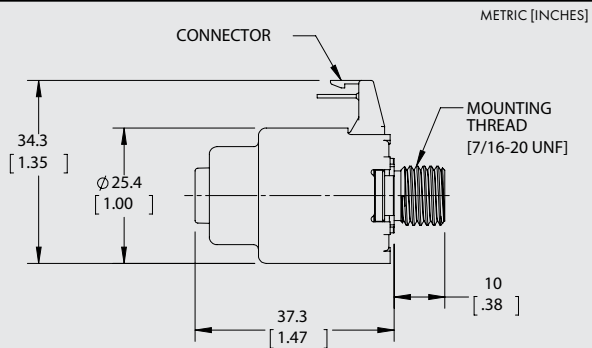
# BALL-DETENT SOLENOID

## TECHNICAL INFORMATION AND SPECIFICATIONS

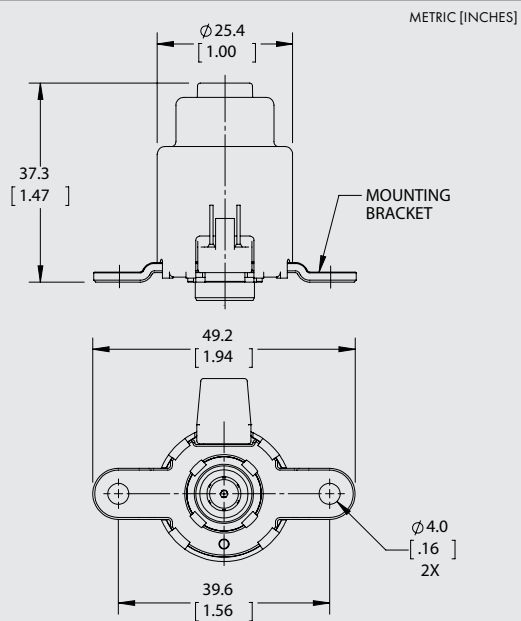
### Preliminary Specifications

#### MECHANICAL PACKAGING

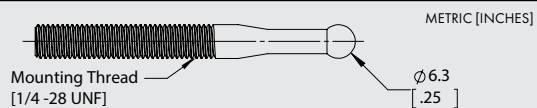
##### Center Mount Version S-10482-124



##### Bracket Mount Version S-10482-224



##### Ball-Shaft



Ball-Shaft Customizations Available

#### REFERENCE SPECIFICATIONS

According to DIN VDE 0580

Voltage*	24vdc
Power Rating**	25 Watts
Duty Cycle	Pulse, 5%
Dynamic Preload	9N [2 lb.] Max.
Cycle Life	750,000
Destructive Pull Force Rating	4.5kN [1000 lb.]

\*Other Voltages Available Upon Request

\*\*Application Dependent

#### ADDITIONAL FEATURES

- Manual Push-to-Lock with Over-Travel Protection
- Integrated Connector (Molex 2695 Series)
- Manual Override
- Fully Encapsulated Coil
- Center Thread or Flange Mount Options
- Fail-Secure (Remains Locked Without Power)
- Class B Coil Insulation
- Patent Number: 9,431,162 B2

10/12/2016

Specifications Subject to Change

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