

# Latching Solenoid

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**RoHS  
Compliant**



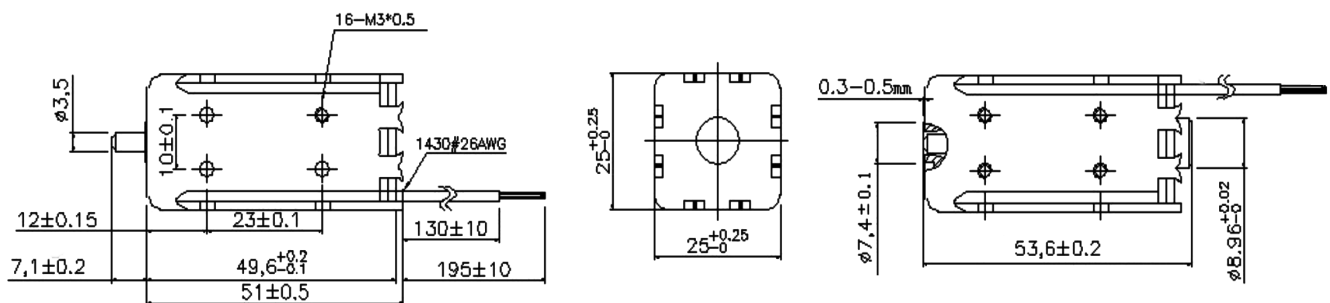
## Specifications

Operating Temperature / Humidity : -20°C to +65°C / 5% to 95% RH  
 Store Temperature / Humidity : -20°C to +45°C / 5% to 60% RH  
 Operating Voltage : 24V DC  $\pm 10\%$   
 Insulation Class : B Class (130°C)

## Electrical Specifications

Insulation Resistance : 500V DC,  $\geq 50M\Omega$ .  
 Dielectric Strength : 1500V AC 50/60Hz  
 Wattage : 46.08W / 57.6W (24V DC, R=12.5 $\Omega$   $\pm 10\%$  / R=10 $\Omega$   $\pm 10\%$ )  
 Stroke-Force : Holding force above 25N. At 24V DC, push force above 25N. pull force above  
 Work Cycle : On:Off = 25ms:250ms (Max on time 1s, Duty cycle ED 9% )  
 Temperature Rise :  $\leq 130^\circ\text{C}$  (24V DC, On:Off = 25ms : 250ms is a cycle)  
 Response Time :  $\geq 20\text{mS}$  (24V DC, S=7.1mm)  
 Leading strength : 1Kgf-30 seconds  
 Life :  $\geq 10,000,000$  cycles  
 Degree of Protection : IP00

## Diagram



Dimensions : Millimetres

## Part Number Table

Description	Part Number
Latching Solenoid, 24V DC, 1.95A, 2.5kgf	MP001160

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