

**RoHS
Compliant**



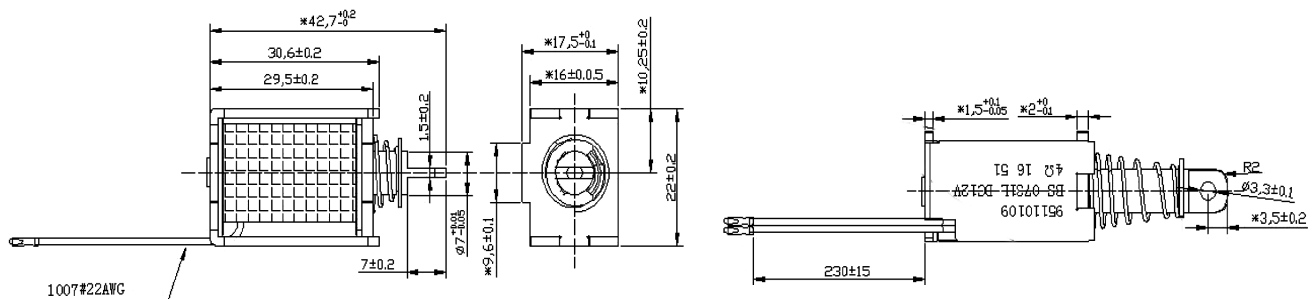
Specifications

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 : 12V DC ±10%.

Electrical Specifications

Insulation Resistance : 500V DC, ≥50MΩ.
 Dielectric Strength : 700V AC 50/60Hz
 Insulation Level : Class B (130°)
 Wattage : 36W (12V DC, R = 4Ω ±10%)
 Stroke-Force : 1mm pulling force: ≥1000gf 5mm pulling force: ≥750gf (12V DC)
 Work Cycle : Pass: off = 0.05 seconds: 0.5 seconds
 (max. power-on time 5 seconds power-on frequency ED 9%)
 Temperature Rise : ≤80°C (12V DC, pass 0.05 seconds, break 0.5 seconds, 1 hour, no load)
 Response Time : ≥50mS (12V DC, S=5mm, no load)
 Leading strength : 1Kgf-30 seconds
 Life : ≥500,000 times
 Degree of Protection : IP00

Diagram



Dimensions : Millimetres

Part Number Table

Description	Part Number
Frame Solenoid, 12V DC, 36W, 1kgf	MP001149

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