

# SD0631N

## Pull Type Open Frame Solenoid

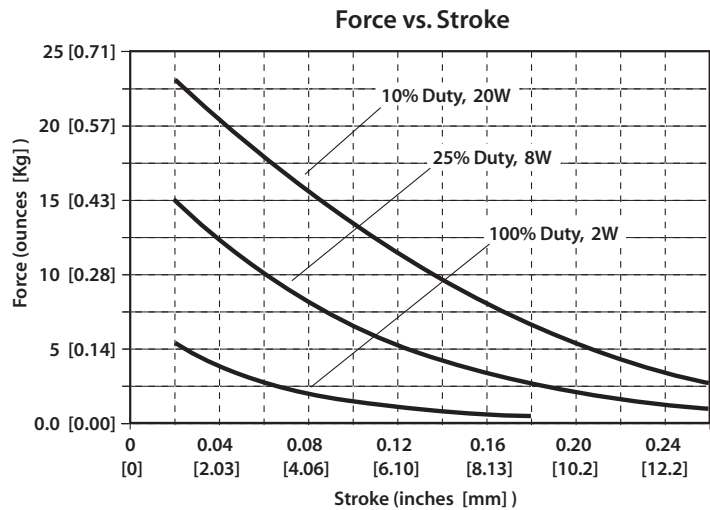
0.51" W × 0.59" H × 1.22" L  
(13mm × 15mm × 31mm)



### Specifications:

**Operation:** ..... Pull  
**Insulation:** ..... Class "A" (105°C) standard\*  
**Coil Termination:** ..... 26AWG flying leads per drawing\*  
**Plunger linkage:** ..... Yoke\*  
**Plunger pole face:** ..... 60° Stepped Conical\*  
**Solenoid weight:** ..... 1.0oz [29g]  
**Plunger weight:** ..... 0.18oz [5g]  
**Dielectric Strength:** ..... 1000VAC for one minute  
**Operating temperature range:** ..... -20°C to 40°C

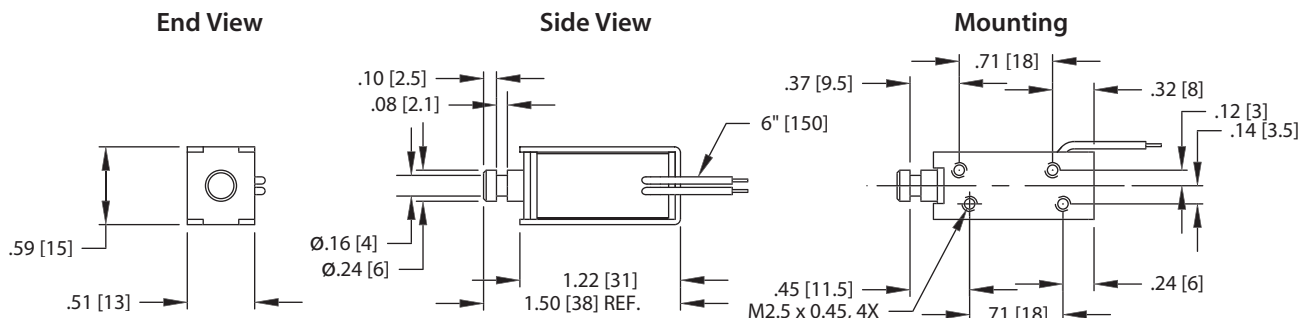
\* Other options available upon request



### Coil Data:

| 100% Duty — 2W |                |             | 25% Duty — 8W  |             | 10% Duty — 20W |             |
|----------------|----------------|-------------|----------------|-------------|----------------|-------------|
| Voltage (VDC)  | Resistance (Ω) | Part Number | Resistance (Ω) | Part Number | Resistance (Ω) | Part Number |
| 3              | 4.5            | SD0631N0300 | 1.1            | SD0631N0325 | 0.45           | SD0631N0310 |
| 6              | 18.0           | SD0631N0600 | 4.5            | SD0631N0625 | 1.8            | SD0631N0610 |
| 12             | 72.0           | SD0631N1200 | 18.0           | SD0631N1225 | 7.2            | SD0631N1210 |
| 24             | 288            | SD0631N2400 | 72.0           | SD0631N2425 | 28.8           | SD0631N2410 |

Typical force @20°C and nominal rated DC voltage. Resistance values ±10% @20°C. All data subject to change. Other voltages and duty cycles available upon request.



Notes: Solenoid shown in energized position. Dimensions listed are for reference only. Dimensions shown in inches and [mm].