

# SD0947N

## Pull Type Open Frame Solenoid

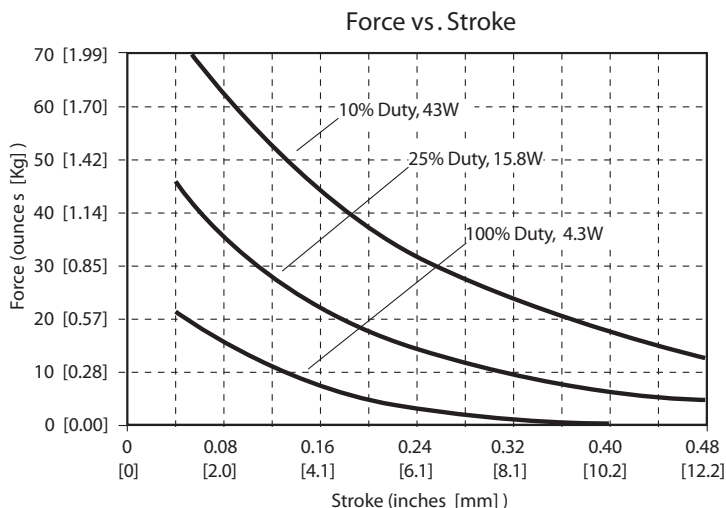
0.75" W × 0.91" H × 1.85" L  
(19mm × 23mm × 47mm)



### Specifications:

- Operation: ..... Pull
- Insulation: ..... Class "A" (105°C) standard\*
- Coil Termination: ..... 26AWG flying leads per drawing\*
- Plunger linkage: ..... Slot and cross-drilled\*
- Plunger pole face: ..... 45° conical\*
- Solenoid weight: ..... 3.0oz [86g]
- Plunger weight: ..... 0.63oz [18g]
- Dielectric Strength: ..... 1000VAC for one minute
- Operating temperature range: ..... -20°C to 40°C

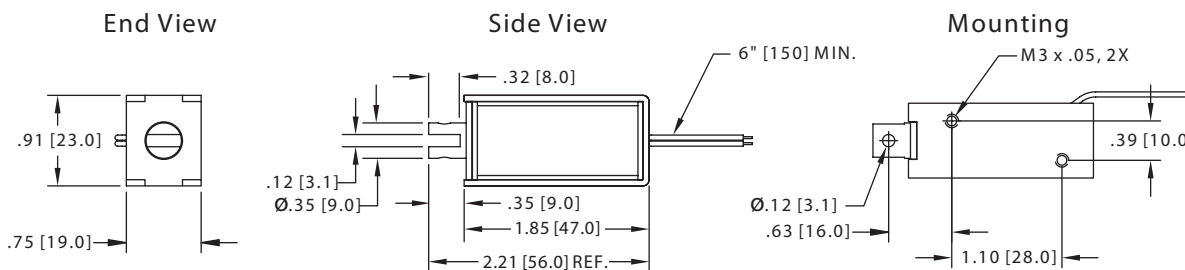
\*Other options available upon request



### Coil Data:

Voltage (VDC)	100% Duty — 4.3W		25% Duty — 15.8W		10% Duty — 43W	
	Resistance (Ω)	Part Number	Resistance (Ω)	Part Number	Resistance (Ω)	Part Number
3	2.01	SD0947N0300	0.57	SD0947N0325	0.21	SD0947N0310
6	8.4	SD0947N0600	2.3	SD0947N0625	0.84	SD0947N0610
12	33.5	SD0947N1200	9.1	SD0947N1225	3.3	SD0947N1210
24	134.0	SD0947N2400	36.5	SD0947N2425	13.4	SD0947N2410

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].