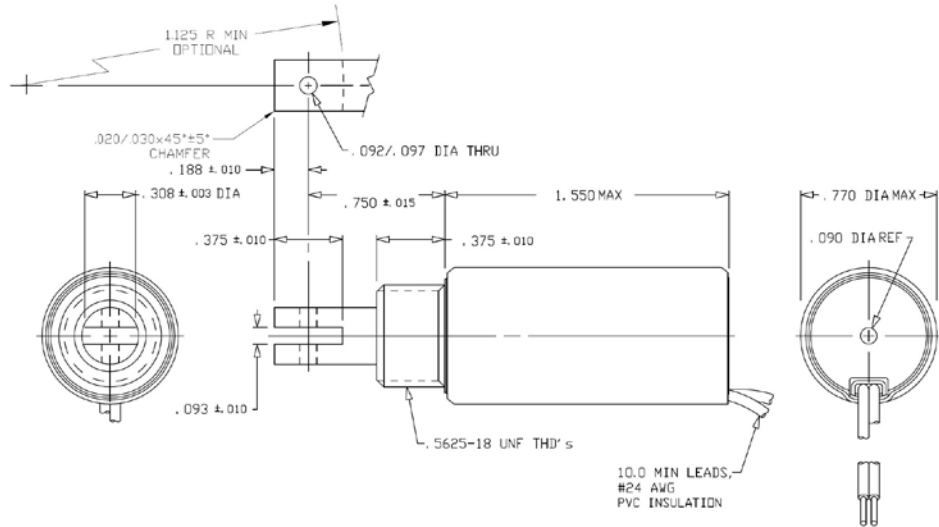


Model 75

STA[®] Pull DC Tubular Solenoid

Size: 3/4" OD X 1 1/2" L

ALL PRODUCTS ARE RoHS COMPLIANT



Solenoid shown energized with plunger fully seated
 Supplied with hex nut shipped loose
 Spring kits available (consult factory)

| Part No. | Duty Cycle | Voltage | Resistance (Ω) ± 5% | Max On Time | Power (W) | Current (A) |
|------------|--------------|---------|---------------------|-------------|-----------|-------------|
| 195204-227 | Intermittent | 12 VDC | 5.27 | 25 Sec | 27.3 | 2.28 |
| 195204-230 | Continuous | 12 VDC | 20.70 | ∞ | 7.0 | 0.58 |
| 195204-230 | Intermittent | 24 VDC | 20.70 | 25 Sec | 28 | 1.16 |
| 195204-233 | Continuous | 24 VDC | 83.50 | ∞ | 7.0 | 0.29 |

Continuous Duty = 100% "On" Time
 Intermittent Duty = 25% "On" Time
 When ordering please refer to Part No. as listed above
 Please consult factory for custom configurations and other pole face angles

| Stroke (in.) | Typical Pull Force (oz.) | | | | | | | | Holding Force (oz.) |
|-------------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|---------------------|
| | 0.060 | 0.125 | 0.250 | 0.375 | 0.500 | 0.625 | 0.750 | 1.000 | |
| Continuous Duty | 21.2 | 12.8 | 6.8 | 4.0 | 2.0 | 1.2 | N/A | N/A | 46.1 |
| Intermittent Duty | 44.5 | 34.3 | 21.5 | 14.6 | 9.8 | 7.8 | N/A | N/A | N/A |

Additional Specifications:

Dielectric Strength: 1000 VRMS
 Recommended Heat Sink: Maximum watts dissipated by solenoid are based on an unrestricted flow of air at 20°C, with solenoid mounted to the equivalent of an aluminum plate measuring 3" square by 1/8" thick.
 Total Unit Weight: 2.95 oz. / 83.6 g
 Plunger Weight: 0.71 oz. / 20.1 g

