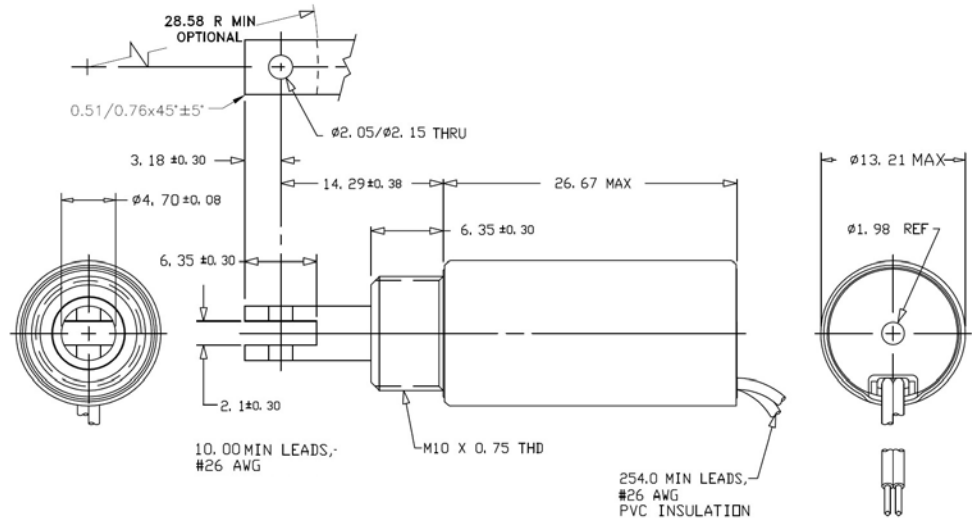


Model 51M

Metric STA[®] Pull DC Tubular Solenoid

Size: 13mm OD X 27mm 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)
195222-231	Intermittent	12 VDC	9.56	5 Secs	15.1	1.26
195222-234	Continuous	12 VDC	37.41	∞	3.9	0.32
195222-234	Intermittent	24 VDC	37.41	5 Secs	15.4	0.64
195222-237	Continuous	24 VDC	141.93	∞	4.1	0.17

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 (mm)	Typical Pull Force (N)								Holding Force (N)
	0.5	1.0	1.5	2.0	2.5	3.0	6.0	9.0	
Continuous Duty	2.6	1.7	1.5	1.0	0.7	0.6	0.2	N/A	4.0
Intermittent Duty	5.3	3.6	3.2	2.5	2.2	1.9	0.8	0.5	---

Additional Specifications:

- Dielectric Strength: 500 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 51mm square by 3.2mm thick.
- Total Unit Weight: 24.7 g
- Plunger Weight: 4.5 g