

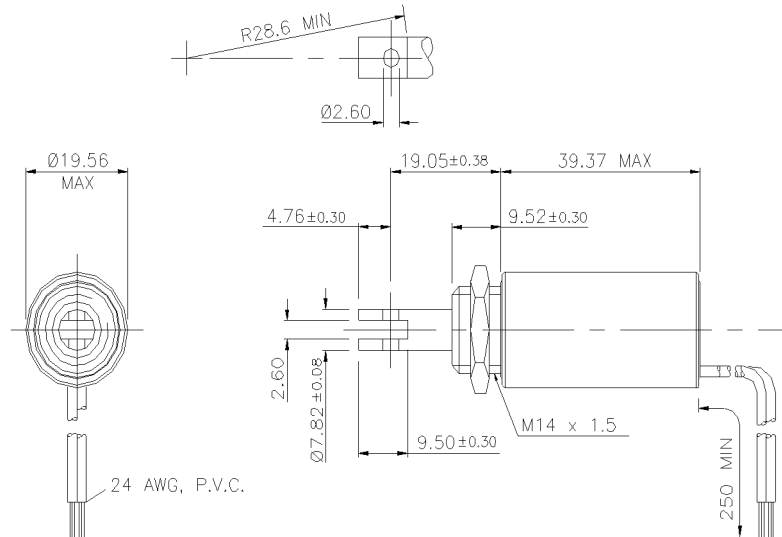
Tubular Solenoid

Linear - Pull - SDT 2039L



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Dimensions



Solenoid shown in energised position.

General Specifications

Dielectric Strength:
1000 VRMS

Coil Resistance:
+/- 5% tolerance

Holding Force:
12.8 N @ 20° C

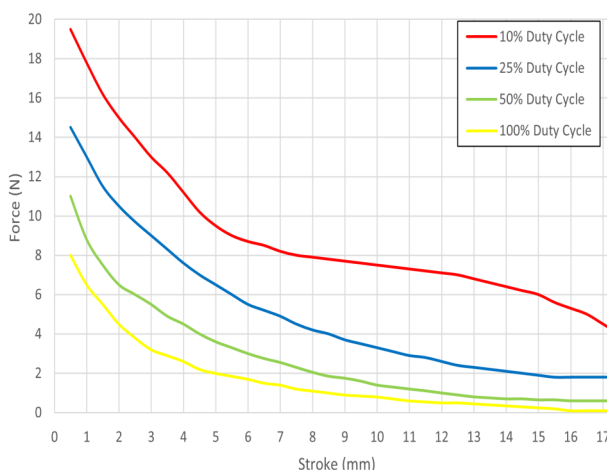
Weight: 74.9g

Plunger Weight: 18g

Recommended Heat Sink: Maximum watts dissipated by the solenoid are based on an unrestricted flow of air at 20° C mounted on the equivalent of an aluminium plate 76 x 76 x 3.2mm min.

Performance Specifications

Typical starting force @ 20°c



Coil Specifications

Maximum Duty Cycle	100%	50%	25%	10%
Maximum ON Time (seconds) when pulsed continuously	∞	230	25	6
Maximum ON Time (seconds) for single pulse	∞	265	63	15
Watts (@20° C)	7	14	28	70
Ampere Turns (@ 20° C)	855	1200	1700	2700

Coil Data

avg. (2XX)	Resistance (@ 20°C)	# Turns	Nominal DC Voltage			
25	2.13	488	3.9	5.5	7.7	12.2
26	2.9	544	4.5	6.4	9.0	14.2
27	5.27	760	6.1	8.6	12.1	19.2
28	9.15	1026	8.0	11.3	16.0	25.0
29	12.5	1146	9.4	13.2	18.7	30.0
30	20.7	1491	12.0	17.0	24.0	38.0
31	33.6	1904	15.0	22.0	31.0	48.0
32	53.5	2394	19.4	27.0	39.0	61.0
33	83.5	2970	24.0	34.0	48.0	76.0

NSF Controls reserves the right to amend specification without notice. (Rev 08/21) www.nsfcontrols.co.uk

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