



$$\text{Duty Cycle} = \frac{\text{"on" time}}{\text{"on" time} + \text{"off" time}} \times 100\% \quad 100\% \text{ ED}$$

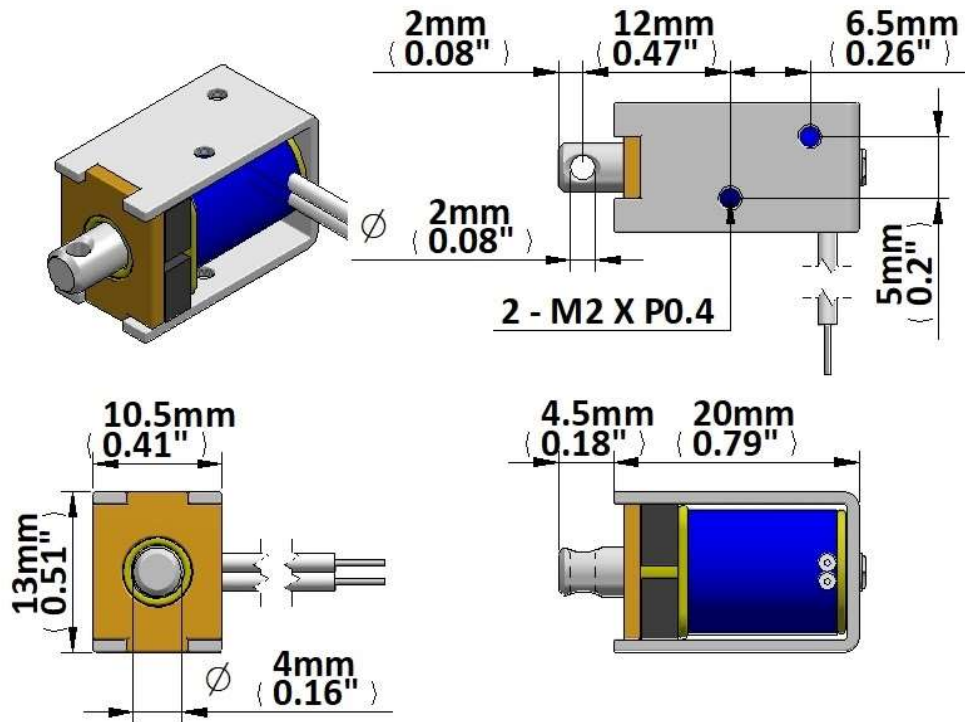
### Coil Data

Maximum "on" time in seconds	∞
Watts at 20°C	2.3
Ampere-Turns at 20°C	340

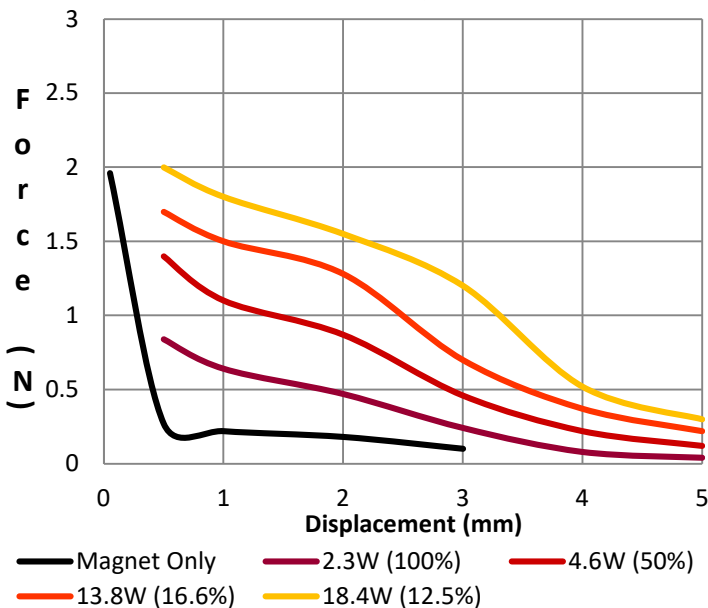
P/N	Resistance ±10% @ 20°C	Coil Turns	Volts DC	Release Current
T1L-0420-6v	16.0 Ω	900	6	375 mA
T1L-0420-12v	63.0 Ω	1850	12	190 mA
T1L-0420-24v	250.0 Ω	3450	24	96 mA

### General Parameters

Life Expectancy (Cycles)	200,000
Mass	13.5 grammes
Plunger Mass	1.7 grammes
Leadwires 200mm (7.87")min, UL1007, AWG28	
Insulation Class	A (105°C)
Dielectric Strength 1000V AC, 50/60Hz, 1min	
Insulation Res >50MΩ, 500V DC Megger	



#### Force (N) vs Displacement (mm)



#### Release Characteristic @ 0mm

