



$$\text{Duty Cycle} = \frac{\text{"on" time}}{\text{"on" time} + \text{"off" time}} \times 100\% \quad 50\% \text{ ED}$$

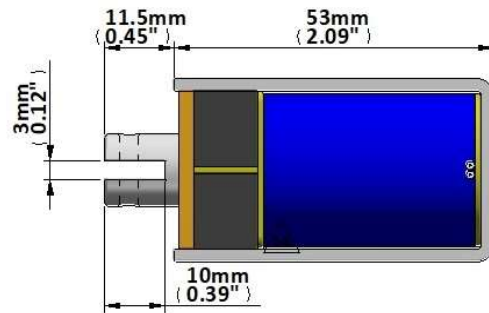
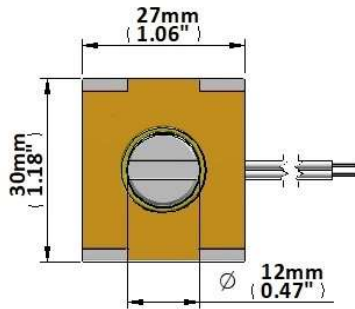
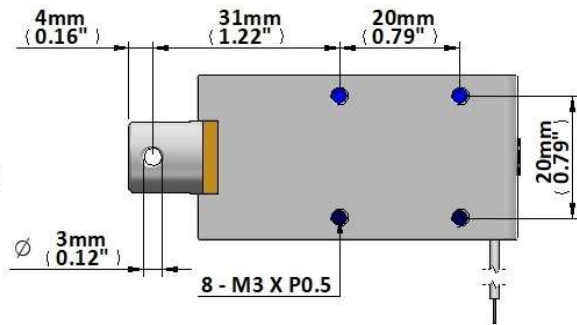
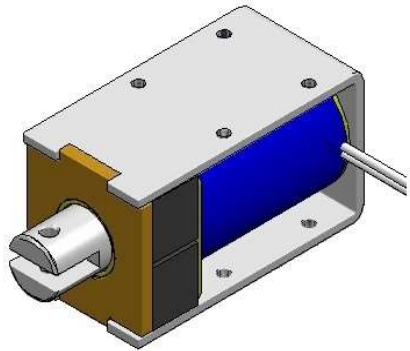
## Coil Data

Maximum "on" time in seconds	20
Watts at 20°C	10
Ampere-Turns at 20°C	840

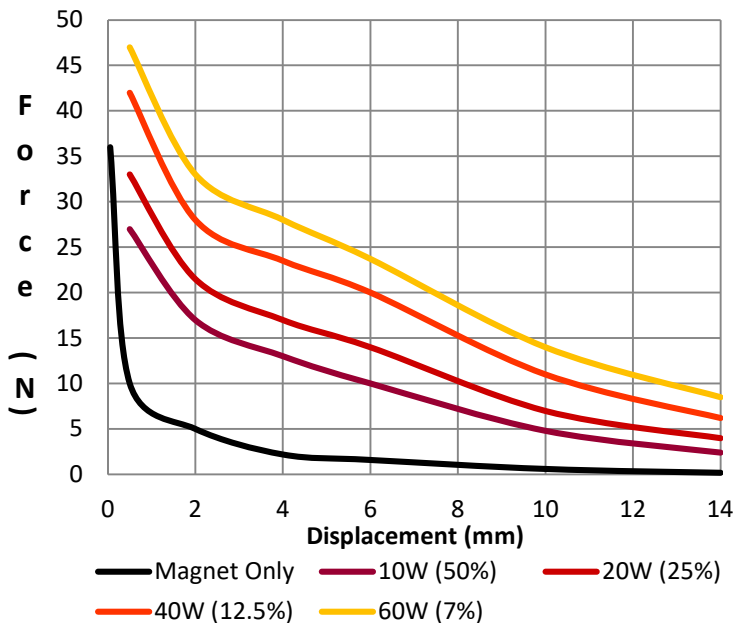
P/N	Resistance ±10% @ 20°C	Coil Turns	Volts DC	Release Current
T1L-1253-6v	3.6 Ω	515	6	1670 mA
T1L-1253-12v	14.4 Ω	1020	12	830 mA
T1L-1253-24v	57.6 Ω	2050	24	420 mA

## General Parameters

Life Expectancy (Cycles)	200,000
Mass	216 grammes
Plunger Mass	42.8 grammes
Leadwires 200mm (7.87")min, UL1007, AWG24	
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

