



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

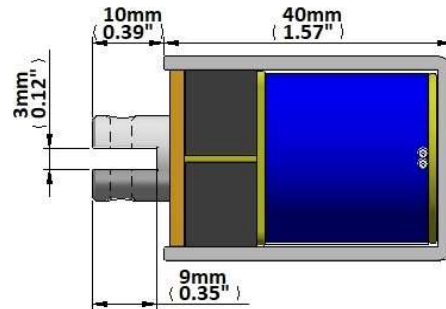
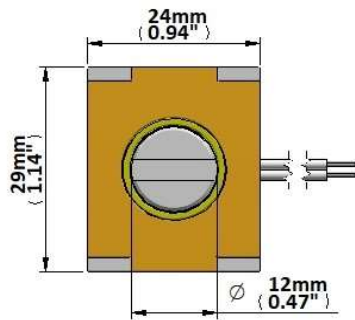
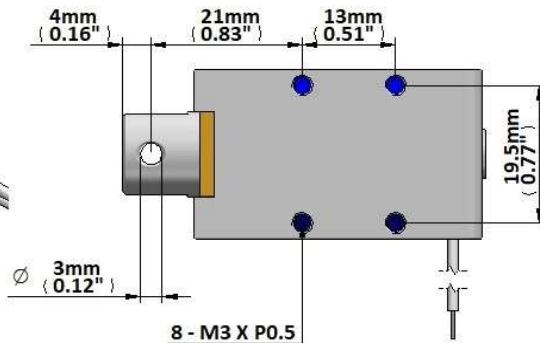
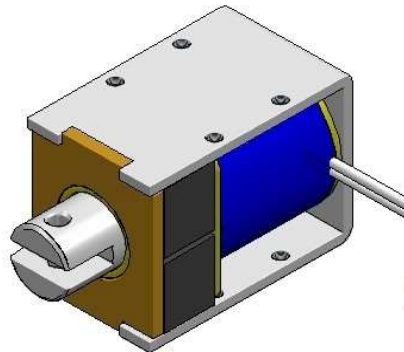
Coil Data

| | |
|------------------------------|-----|
| Maximum "on" time in seconds | 15 |
| Watts at 20°C | 8 |
| Ampere-Turns at 20°C | 620 |

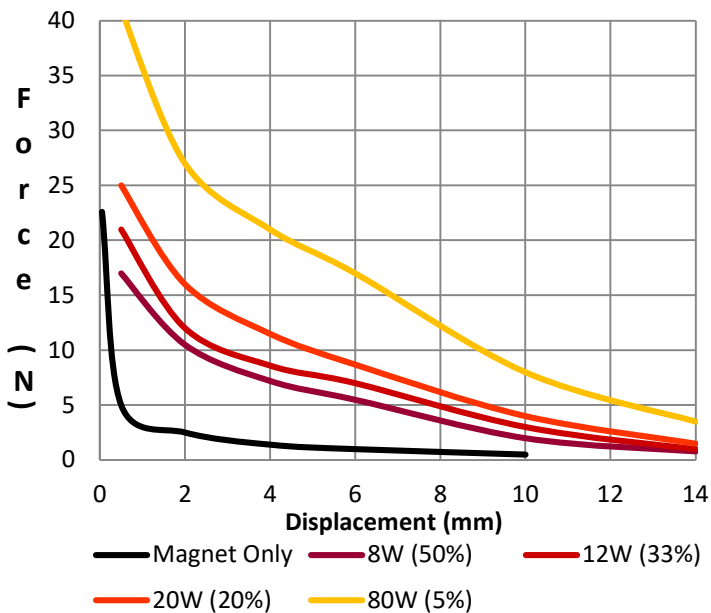
| P/N | Resistance ±10% @ 20°C | Coil Turns | Volts DC | Release Current |
|--------------|------------------------|------------|----------|-----------------|
| T1L-1240-6v | 4.5 Ω | 450 | 6 | 1333 mA |
| T1L-1240-12v | 18.0 Ω | 920 | 12 | 667 mA |
| T1L-1240-24v | 72.0 Ω | 1900 | 24 | 333 mA |

General Parameters

| | |
|---|--------------|
| Life Expectancy (Cycles) | 200,000 |
| Mass | 139 grammes |
| Plunger Mass | 31.0 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

