



$$\text{Duty Cycle} = \frac{\text{"on" time}}{\text{"on" time} + \text{"off" time}} \times 100\% \quad 25\% \text{ ED}$$

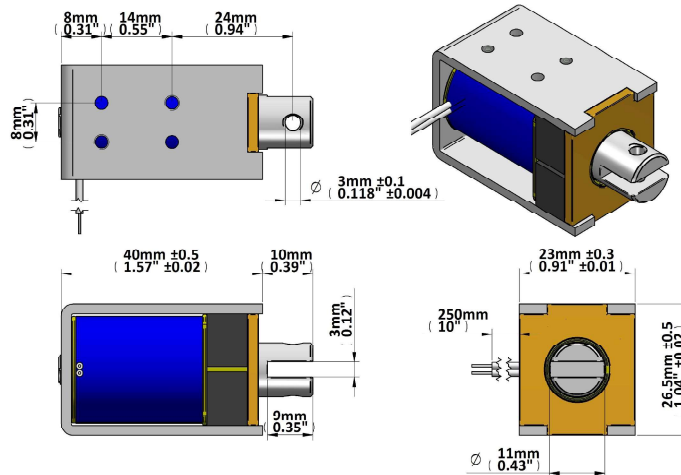
Coil Data

| | |
|------------------------------|------|
| Maximum "on" time in seconds | 20 |
| Watts at 20°C | 17,6 |
| Ampere-Turns at 20°C | 968 |

| P/N | Resistance ±10% @ 20°C | Coil Turns | Volts DC | Release Current |
|---------------|------------------------|------------|----------|-----------------|
| SH1LC-1140-06 | 2.1 Ω | 340 | 6 | 1060 mA |
| SH1LC-1140-12 | 8.2 Ω | 640 | 12 | 560 mA |
| SH1LC-1140-24 | 32.7 Ω | 1360 | 24 | 260 mA |

General Parameters

| | |
|---|--------------|
| Life Expectancy (Cycles) | 200 000 |
| Mass | 120 grammes |
| Plunger Mass | 28.1 grammes |
| Leadwires 250mm (10")min, UL1007, AWG26 | |
| Isolation Class | A (105°C) |
| Dielectric Strength 1000V AC, 50/60Hz, 1min | |
| Insulation Res >100MΩ, 500V DC Megger | |



Force (N) vs Displacement (mm) & Release Characteristic

