Duty Cycle = "on" time / "on" time + "off" time x 100%  25% ED

**Coil Data**
- Maximum "on" time in seconds: 10
- Watts at 20°C: 9.6
- Ampere-Turns at 20°C: 614

<table>
<thead>
<tr>
<th>P/N</th>
<th>Resistance ±10% @ 20°C</th>
<th>Coil Turns</th>
<th>Volts DC</th>
<th>Release Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>SH1LF-0730-06</td>
<td>3.8 Ω</td>
<td>385</td>
<td>6</td>
<td>650 mA</td>
</tr>
<tr>
<td>SH1LF-0730-12</td>
<td>15.0 Ω</td>
<td>780</td>
<td>12</td>
<td>320 mA</td>
</tr>
<tr>
<td>SH1LF-0730-24</td>
<td>60.0 Ω</td>
<td>1530</td>
<td>24</td>
<td>160 mA</td>
</tr>
</tbody>
</table>

**General Parameters**
- Life Expectancy (Cycles): 200,000
- Mass: 38 grammes
- Plunger Mass: 9.38 grammes
- Leadwires: 250mm (10") min, UL1007, AWG26
- Isolation Class: A (105°C)
- Dielectric Strength: 1000V AC, 50/60Hz, 1 min
- Insulation Res: >100MΩ, 500V DC Megger

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

Release Excitation (A-t)

**Graph Details**
- Force (N) axis ranges from 0 to 20
- Displacement (mm) axis ranges from 0 to 5
- Various lines represent different excitation conditions and loads.

Geeplus reserves the right to change specifications without notice

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