GEEPLUS

Open Frame Solenoid RD-B840

Device drawn in energised condition
Life Expectancy >250K cycles
Leadwires UL1007, 26AWG, 300mm

Plunger Mass 14 grammes
Total Mass 58 grammes

Force / Stroke RD-B840
stroke (inch)

0 0.1 0.2 0.3 0.4 0.5 0.6
force (N)
0 1 2 3 4 5 6
 stroke (mm)

0 1 2 3 4 5 6
force (lbf)
0 1 2 3 4 5 6

Response Time
stroke (inch)

0 0.1 0.2 0.3 0.4 0.5 0.6
stroke (mm)

0 5 10 15 20 25 30
time (ms)

Data at 20°C, device performance measured without heat sink

duty cycle = "on" time / "off" time x 100%

Max. "on" time in seconds

watts at 20°C

ampere-turns at 20°C

<table>
<thead>
<tr>
<th>AWG No.</th>
<th>resistance (Ω ±10% at 20°C)</th>
<th>number of turns</th>
<th>volts DC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RD-B840-6v</td>
<td>11.3</td>
<td>6.0</td>
<td>12.0</td>
</tr>
<tr>
<td>RD-B840-12v</td>
<td>45</td>
<td>12.0</td>
<td>24.0</td>
</tr>
<tr>
<td>RD-B840-14v</td>
<td>180</td>
<td>24.0</td>
<td>48.0</td>
</tr>
</tbody>
</table>

Insulation Resistance >100MΩ, 500VDC Megger
Dielectric Strength 500VAC, 50/60Hz, 1 minute

Class A (105°C) insulation class

Geeplus reserves the right to change specifications without notice

www.geeplus.com