**Specifications**

1. **Rated power supply**: 48 VDC
2. **Rated output power**: 200 W
3. **Poles number**: 8
4. **Phase number**: 3
5. **Rated speed**: 4000 RPM
6. **Maximum speed**: 4500 RPM
7. **Rated torque**: 0.48 Nm
8. **Rated current**: 5.06 A
9. **Voltage constant**: 6.76 Vrms/krpm
10. **Moment of inertia**: 0.74 × 10^−4 kg·m²
11. **Resistance**: 0.27 Ω
12. **Inductance**: 0.70 mH
13. **Motor mass**: 1.56 KG
14. **Insulation class**: E 120°
15. **Protective enclosure**: IP40

**MOONS' BRUSHLESS DC MOTOR**

Shanghai Moons Electric Co., Ltd.

Housing: MOLEX 43025-0600 (Black) Terminal: MOLEX 39-00-0207

<table>
<thead>
<tr>
<th>Pin No.</th>
<th>COLOR</th>
<th>FUNCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>red</td>
<td>VCC (+5V)</td>
</tr>
<tr>
<td>2</td>
<td>blue</td>
<td>W</td>
</tr>
<tr>
<td>3</td>
<td>yellow</td>
<td>V</td>
</tr>
<tr>
<td>4</td>
<td>blue</td>
<td>hv</td>
</tr>
<tr>
<td>5</td>
<td>black</td>
<td>GND</td>
</tr>
</tbody>
</table>

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Type: 80BL200L4  Rev. B  SCALE: 1:2 Sheet: 1 of 1

Date: 2016-09-22