**Specifications 规格**

**Material 物料**
- Plastic Housing 塑胶外壳: LCP, UL94V-0, Black
- Contact Terminal 接触端子: Phosphor Bronze
- Metallic Shell 金属外壳: Stainless Steel
- Coil Spring 弹簧: SWP
- Latch 拉杆: Stainless Steel
- Slider 滑块: LCP, UL94V-0, Black
- Card Detect Pin 开关: Brass

**Plating 电镀**
- Contact Terminal 接触端子:
  - Under-plating 底层电镀: 60µ" min. Nickel
  - Solder Tail 焊接区: 100µ" Tin
- Contact Area 接触区: 3µ" Gold
- Metallic Shell 金属外壳:
  - Solder Tail 焊接区: 60µ" min. Nickel
- Card Detect Pin 开关: Gold Flash over 60µ" min. Ni

**Electrical 电气**
- Voltage rating 电压额定值: 100V max.
- Current Rating 电流额定值: 0.5 Amp
- Contact Resistance 接触电阻值: 100 mΩ max.
- Insulation Resistance 绝缘电阻值: 1000 MΩ min.
- Dielectric Withstand Voltage 耐电压: 500 V AC

**Mechanical & Environmental 机械 & 环境**
- Operating Temperature 工作温度: -25°C to +85°C
- Durability 耐久性: 5,000 cycles
- Lock/Release Force 锁/发布力: 10N (1.02 kgF) max.

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**Micro SD Card Pin Out**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1</td>
<td>DAT2</td>
<td>Data Bit 2</td>
</tr>
<tr>
<td>P2</td>
<td>CO/DAT3</td>
<td>Card Detect/Data Bit 3</td>
</tr>
<tr>
<td>P3</td>
<td>CMD</td>
<td>Command Line</td>
</tr>
<tr>
<td>P4</td>
<td>VDD</td>
<td>Supply Voltage 2.7V/3.3V</td>
</tr>
<tr>
<td>P5</td>
<td>CLK</td>
<td>Clock</td>
</tr>
<tr>
<td>P6</td>
<td>VSS</td>
<td>Ground</td>
</tr>
<tr>
<td>P7</td>
<td>DAT0</td>
<td>Data Bit 0</td>
</tr>
<tr>
<td>P8</td>
<td>DAT1</td>
<td>Data Bit 1</td>
</tr>
</tbody>
</table>

**Card Detect Switch Circuit:**

Card Detect Switch Circuit:
- Card Detect
- Ground
- Without Card (Normally Closed)
- Card Inserted
- Card Detect
- Ground

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**Ordering Grid**

MEM2061  01  188  00  A

**Locating Peg**

00 = Without

**Packing Options**

A = Tape & Reel

(Quantities per Reel: 1000 pcs)

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**Recommended PCB Layout**

As viewed from component side

General Tolerance: ±0.05

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**Micro SD Memory Card Connector, 1.88mm Profile**

SMT, Push-Push, with Normally Closed Switch

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**GCT**

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Note:
1. Sprocket hole pitch cumulative tolerance ±0.2
2. Carrier camber is within 1 mm in 250mm.
3. Material: Black Conductive Polystyrene Alloy 100% Recyclable
4. All dimensions meet EIA-481-B requirements.
5. Thickness: 0.3 ± 0.05 mm.
6. Component load per 13” reel: 1000 pcs.
7. A box of 5 volumes, 5000PCS
8. Product Weight: 0.46g; Reel Weight: 860g; Full Carton Weight: 4500g.
9. Dry Carton Weight: 200g (Dimensions: 345x345x155)