Various Card Sockets for Non-Smartphone Applications with Hinge Type and Push-Push Type

Molex Hinge and Push-Push type card sockets provide durable locking, polarization, user-friendly features and various card options. These sockets are ideal not only for smartphone but also for various card applications.

Features and Benefits

**Hinge Type Socket**

**Space saving with Hinge Design**

Its metal cover is lifted upside and card is placed into the socket, and it does not require extra space as other type sockets and enable to save PCB foot print. It maximizes the PCB design flexibility for tight packaging applications.

**Durable locking system**

Withstands high vibration and is ideal for portable applications in harsh environment.

**Polarization features**

Socket inner shape is designed for right card position and it prevents improper card placement.

**Push-Push Type Socket**

**Ideal for outlet type applications**

Convenient to insert and withdraw card from outlet application such as car navigation, CCTV, camera, etc.

**Prevents wrong card insertion**

The slope shape design prevents reverse or improper card mating. If a card is inserted as reversed status and its contact terminal side is facing up, dent space of housing blocks the card from further insertion.

**User-friendly Push-Push card ejection features**

Anyone can use it easily by pushing the card to insert and withdraw it.

**Various card socket options**

Molex provides wide card type sockets to satisfying various application needs.
Molex Hinge and Push-Push type card sockets provide durable locking, polarization, user-friendly features and various card options. These sockets are ideal not only for smartphone but also for various card applications.

### Hinge and Push-Push Type Card Socket Line Up

<table>
<thead>
<tr>
<th>Ejection Style</th>
<th>Card Type</th>
<th>Image</th>
<th>Series</th>
<th>Part Number</th>
<th>Mounting Style</th>
<th>Height (mm)</th>
<th>Width (mm)</th>
<th>Depth (mm)</th>
<th>Detect Switch</th>
<th>Circuits</th>
<th>Current (max.)</th>
<th>Voltage (max.)</th>
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</thead>
<tbody>
<tr>
<td>Hinge</td>
<td>microSD Card</td>
<td>![Image]</td>
<td>500901</td>
<td>5009010801</td>
<td>Normal</td>
<td>1.93</td>
<td>14.6</td>
<td>14.5</td>
<td>No</td>
<td>8</td>
<td>0.5A</td>
<td>10V AC (RMS)/DC</td>
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<tr>
<td></td>
<td>micro-SIM</td>
<td>![Image]</td>
<td>78800</td>
<td>7880000001</td>
<td>Normal</td>
<td>1.50</td>
<td>13.85</td>
<td>16.96</td>
<td>No</td>
<td>6</td>
<td>0.5A</td>
<td>5V DC</td>
</tr>
<tr>
<td></td>
<td>microSD Card</td>
<td>![Image]</td>
<td>47219</td>
<td>472192001</td>
<td>Normal</td>
<td>1.90</td>
<td>13.60</td>
<td>14.50</td>
<td>No</td>
<td>8</td>
<td>0.5A</td>
<td>100V DC</td>
</tr>
<tr>
<td></td>
<td>SIM (Mini)</td>
<td>![Image]</td>
<td>47388</td>
<td>473882001</td>
<td>Normal</td>
<td>1.90</td>
<td>17.70</td>
<td>25.52</td>
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<td>5V DC</td>
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<td>13.8</td>
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<td>10V AC (RMS)/DC</td>
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<td></td>
<td>microSD Card</td>
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<td>14.05</td>
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<tr>
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<tr>
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<td>SD Card</td>
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<td>SIM (Mini)</td>
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<td>8</td>
<td>0.5A</td>
<td>50V DC</td>
</tr>
</tbody>
</table>

### Applications: Any Non-Smartphone Applications

- CCTV / Security Camera
- Digital Camera / 360 Camera
- Note PC / Tablet PC
- Car Navigation
- Smart Meter
- Drone
- 4G Modem
- POS

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