Card Connectors (SIM, CF, DIMM, PCIe)

**SIM:**
- **SF7W 006 S 1 A**
  - Tray type connector
  - 006: 6 position
  - 008: 6 signal + 2 switch
  - A: Positioning boss
  - B: No boss
  - E: Low profile
  - 1: Standard
  - 4: Low profile

**SF8V006S4AR1200**
- Tray type connector
- A: Standard
- B: Reverse

**Tray:**
- **SF8-STS1-A**
  - Standard
- **SF8-STR1-B**
  - Reverse

Need both Connector and Tray to use SF8 series

**SF9W006S4AR1200**
- Tray type connector
- A: Standard
- B: Reverse

**Tray:**
- **SF9-STS1-A**
  - Standard
- **SF9-STR1-B**
  - Reverse

Need both Connector and Tray to use SF9 series

**PCI Express Mini Card**
- Connector: **MM60 - 52 - B 1 - E 1**
- No. of contacts
- Socket type
  - A: Standard
  - B: Top mount
  - C: Mid mount
- Key type
- Contact finish
- Height modification code
- Connector height
- Latch type
- Latch: **MM60 - EZ - H059 - B 5**
- With boss
- 5: Sn plating
- Nut: **NT1R3000**
  - 4.0mm height connector
- **NT4R1600**
  - 5.9mm height connector

**Micro SIM:**
- **SF50S006V4AR1500**
  - Pull bar type connector
  - A: Pull bar on left
  - C: Pull bar on right

**DDR2 MicroDIMM**
- Female side: **WA6F214VA1T**
- Male side: **WA6M214VA1T**

**DDR3 SO-DIMM**
- Connector: **MM80 - 204B1 - 1R**
  - Blank: Standard
  - R: Reverse

**Nut:**
- 4.0mm height connector
- 5.9mm height connector
<table>
<thead>
<tr>
<th>Series</th>
<th>SF7</th>
<th>SF8</th>
<th>SF9</th>
<th>SF50</th>
<th>WA6</th>
<th>MM60</th>
<th>MM80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Card</td>
<td>SIM</td>
<td>SIM</td>
<td>SIM</td>
<td>SIM</td>
<td>MicroDIMM</td>
<td>PCI Express Mini Card</td>
<td>DDR3 SDRAM SODIMM</td>
</tr>
<tr>
<td>Mounted Height</td>
<td>1.9, 2.25, 2.5mm</td>
<td>1.55mm</td>
<td>1.8mm</td>
<td>1.2mm</td>
<td>3.0mm</td>
<td>2.125, 4.0, 5.9mm</td>
<td>5.2mm</td>
</tr>
<tr>
<td>Pin Count</td>
<td>6, 6+2</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>214</td>
<td>52</td>
<td>204</td>
</tr>
<tr>
<td>Current Rating</td>
<td>10μA to 1A</td>
<td>10μA to 1A</td>
<td>10μA to 1A</td>
<td>0.5A</td>
<td>0.3A</td>
<td>0.5A</td>
<td>0.3A</td>
</tr>
<tr>
<td>Durability</td>
<td>5,000 cycles</td>
<td>5,000 cycles</td>
<td>5,000 cycles</td>
<td>5,000 cycles</td>
<td>25 cycles</td>
<td>50 cycles</td>
<td>25 cycles</td>
</tr>
<tr>
<td>Style</td>
<td>Hinged</td>
<td>Tray type</td>
<td>Tray type</td>
<td>Pull bar</td>
<td>Board to board</td>
<td>Module socket</td>
<td>Module socket</td>
</tr>
<tr>
<td>Features</td>
<td>Locking structure. Positioning boss, metal cover, or detection switch available.</td>
<td>Lowest profile for tray type connector. Normal and reverse mount available.</td>
<td>Normal and reverse mount available. 5 hold downs for EMI and ESD prevention.</td>
<td>Small height and footprint. Pull bar included to assist ejection of card. DDR2 MicroDIMM connector compatible with JEDEC Standard MO-260B SO-004A.</td>
<td>Retention latch or screw hold downs available to fix module to connector and PCB.</td>
<td>DDR3 SO-DIMM connector compatible with JEDEC standard MO-268C.</td>
<td></td>
</tr>
</tbody>
</table>