MINI3066
MINI3288
MINI4418

Interface Connection
1 PCB Dimension

**Figure 1. PCB Dimension**

2 Interface Connection

MINI3066 / MINI3288 / MINI4418 use two 100Pin (2*50P) 1.27mm pitch SMT Female Header as the connectors. The female connectors on the CPU board, and the male connectors on the baseboard.

2.1 Female Header Specifications (female connector)

**Figure 2. Female Pin Header (female connector)**
2.2 Pin Headers Specifications (male connector)

Figure 3. Pin Header (male connector)
**Specifications**
- Rated Current: 1.0Amp
- Contact Resistance: 20mΩ Max
- Withstand Voltage: 500V AC/DC
- Insulation Resistance: 1000MΩ Min
- Operating Temperature: -40°C to +105°C
- Contact Material: Brass
- Contact Plating: Au or Sn Over Ni
- Insulator Material: Polyester (UL94V-0)
- Standard: PAGT
- Max. Processing Temp: 230°C for 30-60 seconds
  - (260°C for 10 seconds)

**Ordering Information**

<table>
<thead>
<tr>
<th>Model</th>
<th>Pin Configuration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1410-12XX</td>
<td>X X XX M XXX 01</td>
<td>2.54mm Pitch, 2.54mm Pin Pitch</td>
</tr>
</tbody>
</table>

**Recommended PCB Layout (Top Side)**

| PC BOARD TOLERANCE: ±0.05 |

**Dimensions**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>1.27</td>
</tr>
<tr>
<td>Height</td>
<td>0.74</td>
</tr>
<tr>
<td>Radius</td>
<td>0.05</td>
</tr>
</tbody>
</table>

**Notes**
- W: With Post
- N: W/O Post