CMIMX7 *Computer-on-Module*

Interface Connection
1 PCB Dimension

*Figure 1. PCB Dimension*

2 Interface Connection

The baseboard uses a 200 pin SODIMM card edge interface for CPU board interfacing.

2.1 SODIMM200 Card Edge Socket Specifications

*Figure 2. SODIMM Socket (2.5V, H=5.2mm, on the baseboard)*
**SPECIFICATIONS**

**Mechanical**
- Contact Retention Force: 0.10kg min.
- Durability: 25 Cycles

**Electrical**
- Voltage Rating: 25V
- Current Rating: 0.3A
- Contact Resistance: 50mΩ max.
- Dielectric Withstanding Voltage: 250V AC/1 min.
- Insulation Resistance: 100MΩ

**Physical**
- Housing: Thermoplastic, UL 94V-0 rated in Ivory Color
- Contact: Copper alloy
- Plating: See "ORDERING INFORMATION"
- Metal Spring: Copper alloy
- Operating Temperature: -40°C to +85°C

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**ORDERING INFORMATION**

PRODUCT NO.: A S 0 A 2 6 - N - E

<table>
<thead>
<tr>
<th>SMT Type</th>
<th>Contact Area Plating</th>
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<tbody>
<tr>
<td>S-01</td>
<td>56-60</td>
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<tr>
<td>S-02</td>
<td>56-60</td>
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**DDR II SO DIMM Socket**

AS Series
- 5.2mm Height SMT Type
- 0.60mm [.024"] Pitch
- 200 Pos.