Detailed Product Description:
Welding connector rating in IP67/IP68.
Protected from dust and water during immersion resistant to many oils and chemicals etc.

Connector Electrical characteristic:
Rating voltage: 600 V AC/DC .
Insulation resistance: >100MΩ
Rating current: 24A
Contact resistance of the connector ≤3mΩ

Other Specification:
Contact PIN: Brass with Gold plating.
Coulping pin/screw: Brass with nickel plating
Insulation plunger: P66/UL F
Degree of protection: P67/P68
Operating temperature: -25°C ~ 85°C

ALL MATERIALS ARE RoHS COMPLIANT.

<table>
<thead>
<tr>
<th>UNDECLARED</th>
<th>TOLERANCE</th>
<th>CUS P/N:</th>
<th>JH-COM PRECISION INDUSTRY (CHINA) CO., LIMITED</th>
</tr>
</thead>
<tbody>
<tr>
<td>XX±0.5</td>
<td>XX±0.5</td>
<td>PART NO.: 92032-05</td>
<td></td>
</tr>
<tr>
<td>XXX±1.0</td>
<td>XXX±1.0</td>
<td>TITLE: M12 A Coding Spring male connector 4 pin mount 90 degrees</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LIMITS: MM</td>
<td>APPD.:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>090835</td>
<td>DR.: HAVU07/24/14</td>
</tr>
</tbody>
</table>

View of mating side PCB
Panel hole size
Ω12.2±0.1
10.5±0.1
Ω12.2±0.1
Detailed Product Description:

Waterproof connector rating is IP67/IP68
Protected from dust and water during immersion, resistant to many oils and chemical etc.

Connector Electrical character:
Rating voltage: 250V AC/DC.
Insulation resistance: >100MΩ
Rating current: 3A
Contact resistance of the connector ≤ 3mΩ

Other Specification
Contact PIN: Brass with Gold plating,
Coupling nut/screw: Brass with nickel plating
Insulation plastic: PA66+GF
Degree of protection: IP67/IP68
Operating temperature: -25°C ~ +85°C

ALL MATERIALS ARE RoHS COMPLIANT.

View of mating side PCB

Panel hole size

<table>
<thead>
<tr>
<th>UNDECLARED</th>
<th>TOLERANCE</th>
<th>CUS P/N:</th>
</tr>
</thead>
<tbody>
<tr>
<td>X±1.0</td>
<td>X±2.0</td>
<td>PART NO.: 92001-04</td>
</tr>
<tr>
<td>X±0.5</td>
<td>X±1.0</td>
<td></td>
</tr>
<tr>
<td>XXX±0.2</td>
<td>XXX±0.5</td>
<td></td>
</tr>
</tbody>
</table>

TITLE: M12 4P+1N 90 PCB

REVISION: A
DATE: 07/24/14
MAN: MENG
INITIAL RELEASED 1
Detailed Product Description:
Waterproof connector rating is IP67/IP68
Protected from dust and water during immersion, resistant to many oils and chemical etc

Connector Electrical character:
Rating voltage: 30V AC/DC
Insulation resistance: >100MΩ
Rating current: 3A
Contact resistance of the connector ≤3 mΩ

Other Specification:
Contact PIN: Brass with Gold plating.
Coupling nut/screw: Brass with nickel-plated insulation plastic: PA66+GF
Degree of protection: IP67/IP68
Operating temperature: -25°C ~ +85°C

*ALL MATERIALS ARE RoHS COMPLIANT.*

---

**Shenzhen KH-C Technology Co.**

**TITLE:**
W12-A Coding Spin Female connector 1-pin mount 20°

**C/N:**
92033-64

**UNIT:**
MM

**SCALE:**
1:1

**DATE:**
07/24/14
Detailed Product Description:
Waterproof connector rating is IP67/IP68
Protected from dust and water during immersion,
resistant to many oils and chemical etc

Connector Electrical character
Rating voltage: 30 V AC/DC ,
Insulation resistance: >100MΩ
Rating current : 3A
Contact resistance of the connector≤3mΩ

Other Specification
Contact PIN: Brass with Gold plating.
Coupling nut/screw: Brass with nickel plating
Insulation plastic: PA66+GF
Degree of protection: IP67/IP68
Operating temperature: -25℃ ~ +85℃

*ALL MATERIALS ARE RoHS COMPLIANT.
Detailed Product Description:
Waterproof connector rating is IP67/IP68.
Protected from dust and water during immersion;
resistant to many oils and chemicals etc.

Connector Electrical character:
Rating voltage: 30V AC/DC.
Insulation resistance: >100MΩ.
Rating current: 3A.
Contact resistance of the connector ≤5mΩ.

Other Specification:
Contact PIN: Brass with Gold plating.
Coupling nut/screws: Brass with nickel plating.
Insulation plastic: PA66+GF.
Degree of protection: IP67/IP68.
Operating temperature: -25°C ~ +85°C.

*All materials are RoHS complaint.

<table>
<thead>
<tr>
<th>UNDECLARED TOLERANCE</th>
<th>CUS P/N:</th>
<th>JH-COM PRECISION INDUSTRY (CHINA) CO., LIMITED</th>
</tr>
</thead>
<tbody>
<tr>
<td>X ±1.0</td>
<td>X ±2.0</td>
<td>PART NO.: 92001-08</td>
</tr>
<tr>
<td>X ±0.5</td>
<td>X ±1.0</td>
<td>TITLE: M12 8PIN 90 PCB</td>
</tr>
<tr>
<td>X ±0.2</td>
<td>X ±0.5</td>
<td>DWG NO.: B0001</td>
</tr>
</tbody>
</table>

DR: HAU_07/24/14

Panel hole size

View of mating side PCB