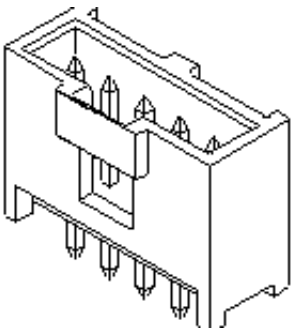




**Part Number :** [901362304](#)  
**Product Description :** C-Grid III Header, Single Row, Right-Angle, Shrouded, 4 Circuits, 0.76µm Gold (Au) Selective Plating  
**Series Number :** 90136  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

**Drawings**  
[901362304\\_sd.pdf](#)  
[PK-90136-001-001.pdf](#)

**3D Models and Design Files**  
[901362304\\_stp.zip](#)

**Specifications**  
[901190001-AS-000.pdf](#)  
[PS-99020-0001-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |  |
|--------------------|--|
| GADSL/IMDS         | Compliant with Exemption 44; 34; 33            |
| China RoHS         |  |
| EU ELV             | Not Relevant                                   |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21             |
| REACH SVHC         | Not Contained per D(2024)7663-DC (21 Jan 2025) |
| EU RoHS            | Compliant per EU 2015/863                      |

Multiple Part Product Compliance Statements  
- Eu RoHS  
- REACH SVHC  
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

---

### Part Details

#### General

|                |  |
|----------------|--|
| Status         | Active   |
| Category       | PCB Headers and Receptacles  |
| Series         | 90136  |
| Description    | C-Grid III Header, Single Row, Right-Angle, Shrouded, 4 Circuits, 0.76µm Gold (Au) Selective Plating |
| Application    | Signal, Wire-to-Board  |
| Component Type | PCB Header   |
| Product Name   | C-Grid III   |
| UPC            | 800753664005   |

#### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

#### Electrical

|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 3.0A       |
| Voltage - Maximum             | 350V AC/DC |

#### Physical

|                         |       |
|-------------------------|-------|
| Breakaway               | No    |
| Circuits (Loaded)       | 4     |
| Circuits (maximum)      | 4     |
| Color - Resin           | Black |
| First Mate / Last Break | No    |
| Glow-Wire Capable       | No    |

|                                |                |
|--------------------------------|----------------|
| Guide to Mating Part           | No             |
| Keying to Mating Part          | None           |
| Lock to Mating Part            | Yes            |
| Material - Metal               | Brass          |
| Material - Plating Mating      | Gold           |
| Material - Plating Termination | Tin            |
| Material - Resin               | Polyester      |
| Net Weight                     | 0.834/g        |
| Number of Rows                 | 1              |
| Orientation                    | Right Angle    |
| Packaging Type                 | Tray           |
| PC Tail Length                 | 2.90mm         |
| PCB Locator                    | No             |
| PCB Retention                  | None           |
| PCB Thickness - Recommended    | 1.60mm         |
| Pitch - Mating Interface       | 2.54mm         |
| Pitch - Termination Interface  | 2.54mm         |
| Plating min - Mating           | 0.762µm        |
| Plating min - Termination      | 3.048µm        |
| Polarized to PCB               | No             |
| Shrouded                       | Fully          |
| Stackable                      | No             |
| Temperature Range - Operating  | -55° to +125°C |
| Termination Interface Style    | Through Hole   |

## Solder Process Data

|                              |      |
|------------------------------|------|
| Lead-Free Process Capability | WAVE |
|------------------------------|------|

## Mates With / Use With

### Mates with Part(s)

| Description                                  | Part Number  |
|--|--------------|
| C-Grid III Modular Single Row Crimp Housings | <u>90123</u> |
| C-Grid III Single Row Crimp Housings         | <u>90156</u> |

---

---

This document was generated on Apr 22, 2025