

**Part Number :** [901362102](#)  
**Product Description :** C-Grid III PCB Header,  
2.54mm Pitch, Through Hole, Single Row, Right-Angle,  
Shrouded, 2 Circuits, Tin (Sn) Plating  
**Series Number :** 90136  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



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## Documents and Resources

### Drawings

[901362102\\_sd.pdf](#)  
[PK-90136-001-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)  
[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

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

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## Product Environment Compliance

### Compliance

|                    |                                                |
|--------------------|------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 33                |
| China RoHS         | per SJ/T 11365-2006                            |
| EU ELV             | Not Relevant                                   |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21             |
| REACH SVHC         | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS            | Compliant per EU 2015/863                      |

### [Compliance Statements](#)

- EU RoHS
- REACH SVHC

- Low-Halogen

#### Industry Documents

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

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

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## Part Details

### General

|                |                                                                                                                    |
|----------------|--------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                             |
| Category       | PCB Headers and Receptacles                                                                                        |
| Series         | 90136                                                                                                              |
| Description    | C-Grid III PCB Header, 2.54mm Pitch, Through Hole, Single Row, Right-Angle, Shrouded, 2 Circuits, Tin (Sn) Plating |
| Application    | Wire-to-Board                                                                                                      |
| Component Type | PCB Header                                                                                                         |
| Product Name   | C-Grid III                                                                                                         |
| UPC            | 800753669543                                                                                                       |

### Agency

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

### Electrical

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

### Physical

|                   |    |
|-------------------|----|
| Breakaway         | No |
| Circuits (Loaded) | 2  |

|                                |                |
|--------------------------------|----------------|
| Circuits (maximum)             | 2              |
| Color - Resin                  | Black          |
| Durability (mating cycles max) | 30             |
| First Mate / Last Break        | No             |
| Gender                         | Male           |
| Glow-Wire Capable              | No             |
| Guide to Mating Part           | No             |
| Keying to Mating Part          | No             |
| Lock to Mating Part            | Yes            |
| Material - Metal               | Brass          |
| Material - Plating Mating      | Tin            |
| Material - Plating Termination | Tin            |
| Material - Resin               | Polyester      |
| Mounting Style                 | Through Hole   |
| Net Weight                     | 0.542/g        |
| Number of Rows                 | 1              |
| Orientation                    | Right Angle    |
| Packaging Type                 | Tray           |
| PCB Locator                    | No             |
| PCB Retention                  | No             |
| PCB Thickness - Recommended    | 1.60mm         |
| PC Tail Length                 | 2.90mm         |
| Pitch - Mating Interface       | 2.54mm         |
| Pitch - Termination Interface  | 2.54mm         |
| Plating min - Mating           | 3.000µm        |
| Plating min - Termination      | 3.000µm        |
| Polarized to Mating Part       | No             |
| Polarized to PCB               | No             |
| Shrouded                       | Shrouded       |
| Stackable                      | No             |
| Temperature Range - Operating  | -55° to +125°C |
| Termination Interface Style    | Through Hole   |

## Solder Process Data

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

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## 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> |

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