



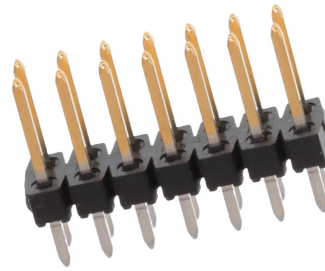
**Part Number :** [901310767](#)

**Product Description :** 2.54mm Pitch C-Grid III Header, Dual Row, Vertical, 14 Circuits, 0.38µm Gold (Au) Selective Plating

**Series Number :** 90131

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents & Resources

### Drawings

[Drawing 901310767\\_sd.pdf](#)

[Packaging Design Drawing PK-90131-0001-000.pdf](#)

### 3D Models and Design Files

[3D Model 901310767\\_stp.zip](#)

### Specifications


[Application Specification 901190001-AS-000.pdf](#)

[Product Specification PS-99020-0001-001.pdf](#)

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## 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(2023)3788-DC (14 Jun 2023)  |
| 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

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### Part Details

#### General

|                |   |
|----------------|---|
| Status         | Active  |
| Category       | PCB Headers and Receptacles   |
| Series         | 90131   |
| Description    | 2.54mm Pitch C-Grid III Header, Dual Row, Vertical, 14 Circuits, 0.38µm Gold (Au) Selective Plating |
| Application    | Signal, Wire-to-Board   |
| Component Type | PCB Header  |
| Product Family | C-Grid III Interconnects  |
| Product Name   | C-Grid III  |
| UPC            | 800753696655  |

#### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
|-----|---------|

#### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum             | 350V |

#### Physical

|                         |       |
|-------------------------|-------|
| Breakaway               | Yes   |
| Circuits (Loaded)       | 14    |
| Circuits (maximum)      | 14    |
| 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            | None           |
| Material - Metal               | Brass          |
| Material - Plating Mating      | Gold           |
| Material - Plating Termination | Tin            |
| Material - Resin               | Polyester      |
| Net Weight                     | 863.391/mg     |
| Number of Rows                 | 2              |
| Orientation                    | Vertical       |
| Packaging Type                 | Tray           |
| PC Tail Length                 | 2.90mm         |
| PCB Locator                    | No             |
| PCB Retention                  | None           |
| Pitch - Mating Interface       | 2.54mm         |
| Pitch - Termination Interface  | 2.54mm         |
| Polarized to Mating Part       | No             |
| Polarized to PCB               | No             |
| Shrouded                       | No             |
| Stackable                      | Yes            |
| 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 Vertical Dual Row PC Board Connectors    | <u>90151</u> |
| C-Grid III Right-Angle Dual Row PC Board Connectors | <u>90152</u> |
| C-Grid III Dual Row Crimp Housings                  | <u>90142</u> |

|   |       |
|---|-------|
| C-Grid III Modular Dual Row Crimp<br>Housings | 90143 |
|---|-------|

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