



**Part Number :** [901512306](#)  
**Product Description :** C-Grid III PCB Receptacle,  
2.54mm Pitch, Dual Row, Vertical, 6 Circuits, 0.76µm  
Gold (Au) Plating, Straight PCB Pins  
**Series Number :** 90151  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles

## Documents and Resources

### Drawings

[901512306 sd.pdf](#)  
[PK-90151-001-001.pdf](#)

### 3D Models and Design Files

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

### Specifications

[713080001-AS-000.pdf](#)  
[901190001-AS-000.pdf](#)  
[PS-99020-0001-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 34; 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

## Part Details

### General

|                |                                                                                                                      |
|----------------|----------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                               |
| Category       | PCB Headers and Receptacles                                                                                          |
| Series         | 90151                                                                                                                |
| Description    | C-Grid III PCB Receptacle, 2.54mm Pitch, Dual Row, Vertical, 6 Circuits, 0.76µm Gold (Au) Plating, Straight PCB Pins |
| Application    | Board-to-Board                                                                                                       |
| Component Type | PCB Receptacle                                                                                                       |
| Product Name   | C-Grid III                                                                                                           |
| UPC            | 800753668393                                                                                                         |

### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

### Electrical

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

## Physical

|                                |                 |
|--------------------------------|-----------------|
| Breakaway                      | No              |
| Circuits (Loaded)              | 6               |
| Circuits (maximum)             | 6               |
| Color - Resin                  | Black           |
| Durability (mating cycles max) | 500             |
| First Mate / Last Break        | No              |
| Glow-Wire Capable              | No              |
| Guide to Mating Part           | No              |
| Keying to Mating Part          | No              |
| Lock to Mating Part            | No              |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Gold            |
| Material - Plating Termination | Tin             |
| Material - Resin               | Polyester       |
| Net Weight                     | 0.507/g         |
| Number of Rows                 | 2               |
| Orientation                    | Vertical        |
| Packaging Type                 | Tube            |
| PCB Locator                    | No              |
| PCB Retention                  | No              |
| PC Tail Length                 | 2.90mm          |
| Pitch - Mating Interface       | 2.54mm          |
| Pitch - Termination Interface  | 2.54mm          |
| Plating min - Mating           | 0.760µm         |
| Plating min - Termination      | 3.000µm         |
| Polarized to Mating Part       | No              |
| Polarized to PCB               | No              |
| Stackable                      | Yes             |
| Temperature Range - Operating  | -55° to +125°C  |
| Termination Interface Style    | Through Hole    |

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## Mates With / Use With

### Mates with Part(s)

| Description                             | Part Number  |
|-----------------------------------------|--------------|
| C-Grid III Right-Angle Dual Row Headers | <u>90122</u> |
| C-Grid III Vertical Dual Row Headers    | <u>90131</u> |

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