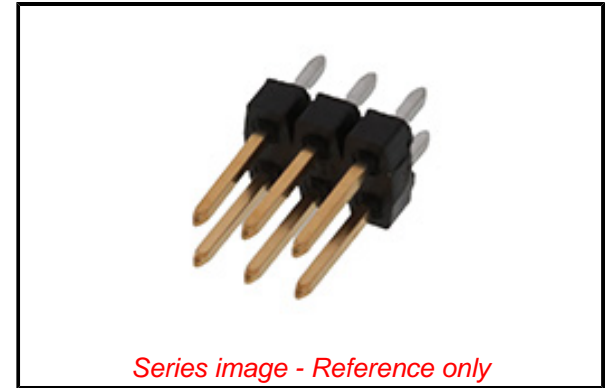


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0901310763](#)  
**Status:** **Active**  
**Overview:** [C-Grid III Interconnects](#)  
**Description:** 2.54mm Pitch C-Grid III Header, Dual Row, Vertical, 6 Circuits, 0.38µm Gold (Au) Selective Plating

**Documents:**

|   |  |
|---|--|
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Application Specification 901190001-AS-000 (PDF)</a> |
| <a href="#">3D Model</a>                                      | <a href="#">Packaging Specification PK-90131-0001-000 (PDF)</a>  |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |
| <a href="#">Product Specification PS-99020-0001-001 (PDF)</a> |  |



**Agency Certification**

CSA LR19980

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers                              |
| Series         | <a href="#">90131</a>                    |
| Application    | Signal, Wire-to-Board                    |
| Overview       | <a href="#">C-Grid III Interconnects</a> |
| Product Name   | C-Grid III                               |
| Taxonomy       | PCB Headers and Receptacles              |
| UPC            | 800753697126                             |

**Physical**

|                                |                |
|--------------------------------|----------------|
| Breakaway                      | Yes            |
| Circuits (Loaded)              | 6              |
| Circuits (maximum)             | 6              |
| 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                     | 0.370/g        |
| Number of Rows                 | 2              |
| Orientation                    | Vertical       |
| PC Tail Length                 | 2.90mm         |
| PCB Locator                    | No             |
| PCB Retention                  | None           |
| Packaging Type                 | Tray           |
| 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   |

**Electrical**

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

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[90131 Series](#)

**Mates With**

C-Grid III Vertical PCB Receptacle [90151](#)  
 . C-Grid III Right-Angle PCB Receptacle  
[90152](#) . C-Grid III Crimp Housing [90142](#) . C-  
 Grid III Modular Crimp Housing [90143](#)

**Solder Process Data**

Lead-freeProcess Capability

WAVE

**Material Info****Reference - Drawing Numbers**

Application Specification

901190001-AS-000

Packaging Specification

PK-90131-0001-000

Product Specification

PS-99020-0001-001

Sales Drawing

SD-90131-001-001

This document was generated on 08/31/2022

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