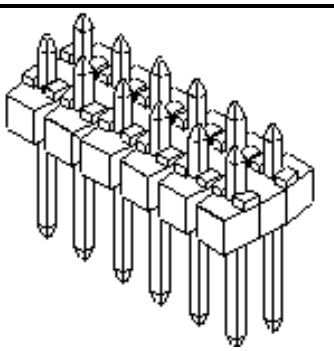
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**Part Number:** 0901310947
**Status:** Active
**Overview:** C-Grid III™
**Description:** 2.54mm Pitch C-Grid III Header, Dual Row, Vertical, 54 Circuits, 0.76µm Gold (Au) Selective Plating



*Series image - Reference only*

**Documents:**
3D Model
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

| | |
|---|---|
| **Agency Certification** | |
| CSA | LR19980 |
| **General** | |
| Product Family | PCB Headers |
| Series | 90131 |
| Application | Signal, Wire-to-Board |
| Overview | C-Grid III™ |
| Product Name | C-Grid III |
| UPC | 800753696525 |
| **Physical** | |
| Breakaway | Yes |
| Circuits (Loaded) | 54 |
| Circuits (maximum) | 54 |
| Color - Resin | Black |
| First Mate / Last Break | No |
| Glow-Wire Compliant | 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 | 3.631/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°C to +125°C |
| Termination Interface: Style | Through Hole |
| **Electrical** | |
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 350V |
| **Solder Process Data** | |
| Duration at Max. Process Temperature (seconds) | 003 |
| Lead-freeProcess Capability | WAVE |

**EU ELV**
**Not Relevant**

**EU RoHS**
**Compliant**

**China RoHS**

**REACH SVHC**
Not Contained Per - ED/30/2017 (7 July 2017)

**Halogen-Free Status**
**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

| | |
|---|---|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**
90131 Series

| | |
|---|---|
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 235 |

**Material Info**

**Reference - Drawing Numbers**

| | |
|---|---|
| Sales Drawing | SD-90131-001 |

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