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**Part Number:** [0901310128](#)  
**Status:** **Active**  
**Overview:** [C-Grid III™](#)  
**Description:** 2.54mm Pitch C-Grid III™ Header, Dual Row, Vertical, 16 Circuits, Tin (Sn) Plating

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

|                |                             |
|----------------|-----------------------------|
| Product Family | PCB Headers                 |
| Series         | <a href="#">90131</a>       |
| Application    | Signal, Wire-to-Board       |
| MolexKits      | Yes                         |
| Overview       | <a href="#">C-Grid III™</a> |
| Product Name   | C-Grid III™                 |
| UPC            | 800753705135                |

**Physical**

|                                |                 |
|--------------------------------|-----------------|
| Breakaway                      | Yes             |
| Circuits (Loaded)              | 16              |
| Circuits (maximum)             | 16              |
| 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      | Tin             |
| Material - Plating Termination | Tin             |
| Material - Resin               | Polyester       |
| Net Weight                     | 0.976/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**

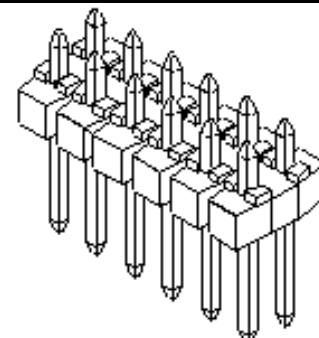
|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum             | 350V |

**Solder Process Data**

|                             |      |
|-----------------------------|------|
| Lead-freeProcess Capability | WAVE |
|-----------------------------|------|

**Material Info**

**Reference - Drawing Numbers**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

Email [productcompliance@molex.com](mailto: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](#)

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