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**Part Number:** [0901310125](#)  
**Status:** **Active**  
**Overview:** [C-Grid III™](#)  
**Description:** 2.54mm Pitch C-Grid III™ Header, Dual Row, Vertical, 10 Circuits, Tin (Sn) Plating

**Documents:**

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

**Agency Certification**

CSA LR19980

**General**

Product Family PCB Headers  
Series [90131](#)  
Application Signal, Wire-to-Board  
MolexKits Yes  
Overview [C-Grid III™](#)  
Product Name C-Grid III™  
UPC 800753705265

**Physical**

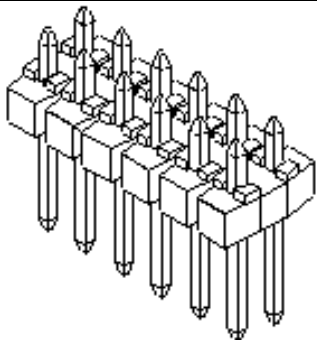
Breakaway Yes  
Circuits (Loaded) 10  
Circuits (maximum) 10  
Color - Resin Black  
First Mate / Last Break No  
Glow-Wire Compliant No  
Guide to Mating Part No  
Keying to Mating Part None  
Lock to Mating Part None  
Material - Metal Brass  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Material - Resin Polyester  
Net Weight 0.635/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) 005  
Lead-freeProcess Capability WAVE



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**China RoHS**

**Compliant**

**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](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

|                                         |              |
|-----------------------------------------|--------------|
| Max. Cycles at Max. Process Temperature | 001          |
| Process Temperature max. C              | 230          |
| <b>Material Info</b>                    |              |
| <b>Reference - Drawing Numbers</b>      |              |
| Sales Drawing                           | SD-90131-001 |

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