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**Part Number:** [0901310123](#)  
**Status:** **Active**  
**Overview:** C-Grid III™  
**Description:** 2.54mm Pitch C-Grid III™ Header, Dual Row, Vertical, 6 Circuits, Tin (Sn) Plating

**Documents:**

[3D Model](#) [Packaging Specification PK-90131-0001-000 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**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 800753705470

**Physical**

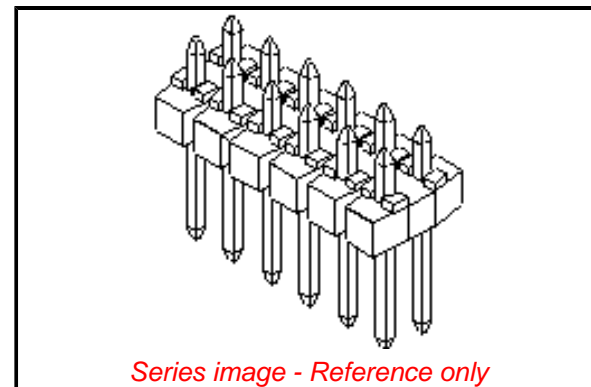
Breakaway Yes  
 Circuits (Loaded) 6  
 Circuits (maximum) 6  
 Color - Resin Black  
 First Mate / Last Break No  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part None  
 Material - Metal Brass  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 0.381/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**

**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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-90131-0001-000
Sales Drawing	SD-90131-001

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