

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

**Part Number:** [0901310145](#)  
**Status:** **Active**  
**Overview:** [C-Grid III Interconnects](#)  
**Description:** 2.54mm Pitch C-Grid III Header, Dual Row, Vertical, 50 Circuits, Tin (Sn) Plating

**Documents:**

[3D Model](#) [Packaging Specification PK-90131-0001-000 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-99020-0001-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980

**General**

Product Family PCB Headers  
 Series [90131](#)  
 Application Signal, Wire-to-Board  
 Overview [C-Grid III Interconnects](#)  
 Product Name C-Grid III  
 UPC 800753703773

**Physical**

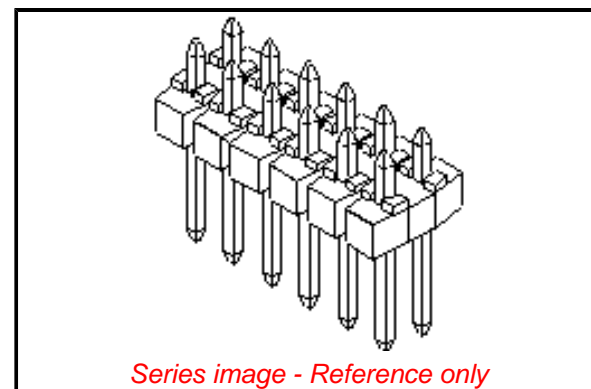
Breakaway Yes  
 Circuits (Loaded) 50  
 Circuits (maximum) 50  
 Color - Resin Black  
 First Mate / Last Break No  
 Glow-Wire Capable No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part None  
 Material - Metal Brass  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 3.177/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

**Solder Process Data**

Lead-freeProcess Capability WAVE



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

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

**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](#)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

PK-90131-0001-000

Product Specification

PS-99020-0001-001

Sales Drawing

SD-90131-001

This document was generated on 03/25/2019

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**