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**Part Number:** [0901310124](#)  
**Status:** **Active**  
**Overview:** [C-Grid® / SL™ Products](#)  
**Description:** 2.54mm (.100") Pitch C-Grid III™ Header, Dual Row, Vertical, 8 Circuits, Tin (Sn) Plating

**Documents:**

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

**General**

Product Family PCB Headers  
Series [90131](#)  
Application Wire-to-Board  
Overview [C-Grid® / SL™ Products](#)  
Product Name C-Grid III™

**Physical**

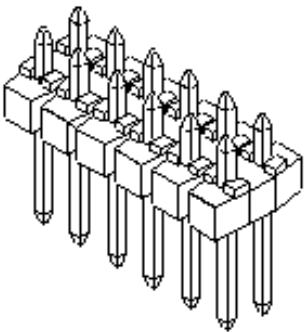
Breakaway Yes  
Circuits (Loaded) 8  
Circuits (maximum) 8  
Color - Resin Black  
Glow-Wire Compliant No  
Lock to Mating Part None  
Material - Metal Brass  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Material - Resin Polyester  
Number of Rows 2  
Orientation Vertical  
PC Tail Length (in) 0.114 In  
PC Tail Length (mm) 2.90 mm  
PCB Locator No  
PCB Retention None  
Packaging Type Bag  
Pitch - Mating Interface (in) 0.100 In  
Pitch - Mating Interface (mm) 2.54 mm  
Plating min: Mating (µin) 120  
Plating min: Mating (µm) 3  
Plating min: Termination (µin) 120  
Plating min: Termination (µm) 3  
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 3A  
Voltage - Maximum 350V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 5  
Lead-free Process Capability Wave Capable (TH only)  
Max. Cycles at Max. Process Temperature 1  
Process Temperature max. C 235



Series image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Halogen-Free  
Status**

**China RoHS**



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environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

**Search Parts in this Series**  
[90131 Series](#)

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing

SDA-90131

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