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**Part Number:** [0901220125](#)  
**Status:** **Active**  
**Overview:** [C-Grid III™](#)  
**Description:** 2.54mm (.100") Pitch C-Grid III™ Header, Dual Row, Right Angle, 10 Circuits, 4µm (160µ") Tin (Sn) over Nickel (Ni)

**Documents:**

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

**General**

Product Family PCB Headers  
Series [90122](#)  
Application Wire-to-Board  
Overview [C-Grid III™](#)  
Product Name C-Grid III™

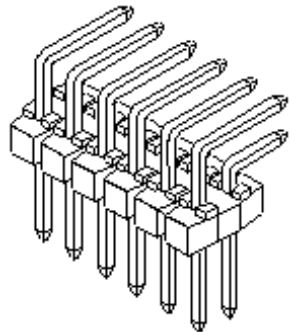
**Physical**

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  
Number of Rows 2  
Orientation Right Angle  
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 No  
Temperature Range - Operating -55°C to +125°C  
Termination Interface: Style Through Hole

**Electrical**

Current - Maximum 3A  
Voltage - Maximum 350V

**Solder Process Data**



Series  
image - Reference only

**EU RoHS**

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

**China RoHS**



**Not Reviewed**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of  
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
non-product compliance questions.

**Search Parts in this Series**  
[90122Series](#)

|                                                |                        |
|------------------------------------------------|------------------------|
| 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                     | 230                    |

**Material Info**

**Reference - Drawing Numbers**

|                       |               |
|-----------------------|---------------|
| Product Specification | PS-99020-0001 |
| Sales Drawing         | SDA-90122     |

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