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Part Number: **0901220132**
Status: **Active**
Overview: C-Grid III™
Description: 2.54mm (.100") Pitch C-Grid III™ Header, Dual Row, Right Angle, 24 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 | <u>90122</u> |
| Application | Wire-to-Board |
| Overview | <u>C-Grid III™</u> |
| Product Name | C-Grid III™ |

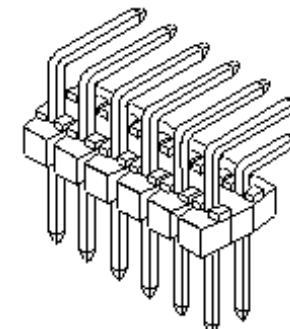
Physical

| | |
|--------------------------------|-----------------|
| Breakaway | Yes |
| Circuits (Loaded) | 24 |
| Circuits (maximum) | 24 |
| 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
 Not Reviewed
**Halogen-Free
Status**

China RoHS



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

Email 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](#)

Lead-free Process Capability

Wave Capable (TH only)

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-99020-0001
SDA-90122

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