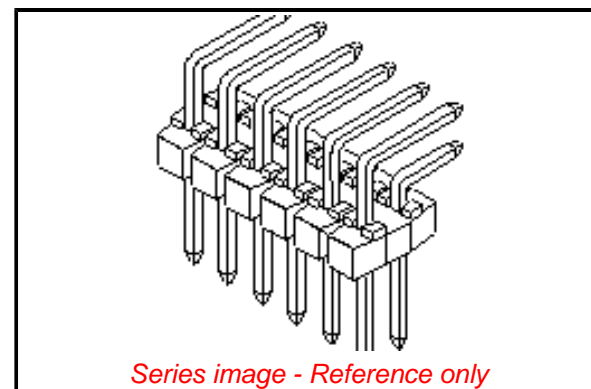


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0901220795](#)  
**Status:** **Active**  
**Overview:** [C-Grid III Interconnects](#)  
**Description:** 2.54mm Pitch C-Grid III Header, Dual Row, Right-Angle, 70 Circuits, 0.38µm Gold (Au) Selective Plating

**Documents:**

|                                                               |                                                                  |
|---------------------------------------------------------------|------------------------------------------------------------------|
| <a href="#">3D Model</a>                                      | <a href="#">Application Specification 901190001-AS-000 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Packaging Specification PK-90120-100-001 (PDF)</a>   |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |
| <a href="#">Product Specification PS-99020-0001-001 (PDF)</a> |                                                                  |



**General**

|                |                                          |
|----------------|------------------------------------------|
| Product Family | PCB Headers                              |
| Series         | <a href="#">90122</a>                    |
| Application    | Signal, Wire-to-Board                    |
| Overview       | <a href="#">C-Grid III Interconnects</a> |
| Product Name   | C-Grid III                               |
| UPC            | 800753758681                             |

**Physical**

|                                |                |
|--------------------------------|----------------|
| Breakaway                      | Yes            |
| Circuits (Loaded)              | 70             |
| Circuits (maximum)             | 70             |
| 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      | Gold           |
| Material - Plating Termination | Tin            |
| Material - Resin               | Polyester      |
| Net Weight                     | 5.810/g        |
| Number of Rows                 | 2              |
| Orientation                    | Right Angle    |
| PC Tail Length                 | 2.90mm         |
| PCB Locator                    | No             |
| PCB Retention                  | None           |
| Packaging Type                 | Tray           |
| Pitch - Mating Interface       | 2.54mm         |
| Pitch - Termination Interface  | 2.54mm         |
| Plating min - Mating           | 0.381µm        |
| Plating min - Termination      | 3.048µm        |
| Polarized to Mating Part       | No             |
| Polarized to PCB               | No             |
| Shrouded                       | No             |
| Stackable                      | No             |
| 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**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[90122 Series](#)

Lead-freeProcess Capability

WAVE

**Material Info**

**Reference - Drawing Numbers**

Application Specification

901190001-AS-000

Packaging Specification

PK-90120-100-001

Product Specification

PS-99020-0001-001

Sales Drawing

SDA-90122-001

This document was generated on 09/13/2021

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[90122-0795](#)