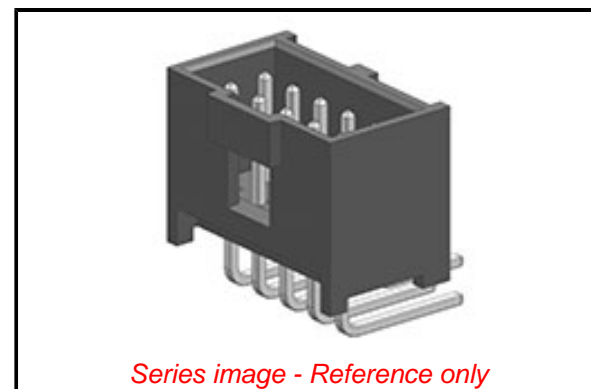


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**Part Number:** [0901303124](#)  
**Status:** **Active**  
**Overview:** [C-Grid III Interconnects](#)  
**Description:** C-Grid III Header, Dual Row, Right-Angle, Shrouded, Fully Loaded, 24 Circuits, Black, 3µm Tin (Sn) over Nickel (Ni)

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>   | <a href="#">Packaging Specification PK-90130-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                    | <a href="#">Packaging Specification PK-91814-005-001 (PDF)</a> |
| <a href="#">Product Specification PS-99020-0001-001 (PDF)</a>    | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |
| <a href="#">Application Specification 901190001-AS-000 (PDF)</a> |  |



**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers                              |
| Series         | <a href="#">90130</a>                    |
| Application    | Signal, Wire-to-Board                    |
| Overview       | <a href="#">C-Grid III Interconnects</a> |
| Product Name   | C-Grid III                               |
| UPC            | 800753706378                             |

**Physical**

|                                |             |
|--------------------------------|-------------|
| Breakaway                      | No          |
| Circuits (Loaded)              | 24          |
| Circuits (maximum)             | 24          |
| Color - Resin                  | Black       |
| Durability (mating cycles max) | 30          |
| First Mate / Last Break        | No          |
| Flammability                   | 94V-0       |
| Glow-Wire Capable              | No          |
| Guide to Mating Part           | No          |
| Keying to Mating Part          | None        |
| Lock to Mating Part            | Yes         |
| Material - Metal               | Brass       |
| Material - Plating Mating      | Tin         |
| Material - Plating Termination | Tin         |
| Material - Resin               | Polyester   |
| Net Weight                     | 3.174/g     |
| Number of Rows                 | 2           |
| Orientation                    | Right Angle |
| PC Tail Length                 | 2.90mm      |
| PCB Locator                    | No          |
| PCB Retention                  | None        |
| PCB Thickness - Recommended    | 1.60mm      |
| Packaging Type                 | Tray        |
| Pitch - Mating Interface       | 2.54mm      |
| Pitch - Termination Interface  | 2.54mm      |
| Plating min - Mating           | 3.048µm     |
| Plating min - Termination      | 3.048µm     |
| Polarized to Mating Part       | Yes         |
| Polarized to PCB               | No          |
| Shrouded                       | Closed Ends |
| Stackable                      | No          |
| Surface Mount Compatible (SMC) | No          |

**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**

[90130 Series](#)

**Mates With**

[90142 C-Grid III Crimp Housing](#)

Temperature Range - Operating -55° to +125°C  
Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 3.0A  
Voltage - Maximum 350V AC/DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 003  
Lead-free Process Capability WAVE  
Max. Cycles at Max. Process Temperature 001  
Process Temperature max. C 235

**Material Info**

**Reference - Drawing Numbers**

Application Specification 901190001-AS-000  
Packaging Specification PK-90130-001-001, PK-91814-005-001  
Product Specification PS-99020-0001-001  
Sales Drawing SDA-90130-001

This document was generated on 09/02/2021

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