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**Part Number:** [0901362210](#)  
**Status:** **Active**  
**Overview:** [C-Grid III Interconnects](#)  
**Description:** C-Grid III Header, Single Row, Right-Angle, Shrouded, 10 Circuits, 0.38µm Gold (Au) Selective Plating

**Documents:**  
[3D Model \(PDF\)](#) [Application Specification 901190001-AS-000 \(PDF\)](#)  
[3D Model](#) [Packaging Specification PK-90136-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-99020-0001-001 \(PDF\)](#)

|                             |  |                                          |
|-----------------------------|--|------------------------------------------|
| <b>Agency Certification</b> |  |                                          |
| CSA                         |  | LR19980                                  |
| UL                          |  | E29179                                   |
| <b>General</b>              |  |                                          |
| Product Family              |  | PCB Headers                              |
| Series                      |  | <a href="#">90136</a>                    |
| Application                 |  | Signal, Wire-to-Board                    |
| Overview                    |  | <a href="#">C-Grid III Interconnects</a> |
| Product Name                |  | C-Grid III                               |
| Taxonomy                    |  | PCB Headers and Receptacles              |
| UPC                         |  | 800753665651                             |

|                                |                |
|--------------------------------|----------------|
| <b>Physical</b>                |                |
| Breakaway                      | No             |
| Circuits (Loaded)              | 10             |
| Circuits (maximum)             | 10             |
| Color - Resin                  | Black          |
| 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      | Gold           |
| Material - Plating Termination | Tin            |
| Material - Resin               | Polyester      |
| Net Weight                     | 1.611/g        |
| Number of Rows                 | 1              |
| 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           | 0.381µm        |
| Plating min - Termination      | 3.048µm        |
| Polarized to PCB               | No             |
| Shrouded                       | Fully          |
| Stackable                      | No             |
| Temperature Range - Operating  | -55° to +125°C |
| Termination Interface: Style   | Through Hole   |



Series image - Reference only

|                                                                                                                                                                                                                                                       |                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <b>EU ELV</b><br><b>Not Relevant</b>                                                                                                                                                                                                                  |                                                                                                   |
| <b>EU RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br>Not Contained Per -<br>D(2022)4187-DC (10<br>June 2022)<br><b>Halogen-Free</b><br><b>Status</b><br><b>Not Low-Halogen</b><br>For more information, please visit <a href="#">Contact US</a> | <b>China RoHS</b><br><br><br><br><br><br><br><br><br><br><br>China ROHS<br>ELV<br>RoHS Phthalates |
|                                                                                                                                                                                                                                                       | Green Image<br>Not Relevant<br>Not Contained                                                      |

**Search Parts in this Series**  
[90136](#) Series

**Mates With**  
C-Grid III Modular Crimp Housing [90123](#) . C-  
Grid III Crimp Housing [90156](#)

**Electrical**

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

**Solder Process Data**

|                             |      |
|-----------------------------|------|
| Lead-freeProcess Capability | WAVE |
|-----------------------------|------|

**Material Info**

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | 901190001-AS-000  |
| Packaging Specification   | PK-90136-001-001  |
| Product Specification     | PS-99020-0001-001 |
| Sales Drawing             | SDA-90136-001     |

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