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Part Number:

0901361108

Status:

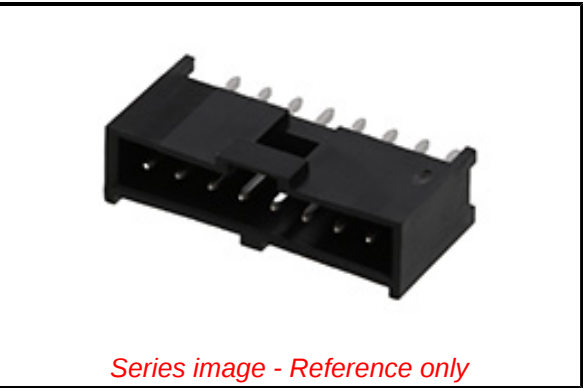
Active

Overview:

C-Grid III Interconnects

Description:

C-Grid III Header, Single Row, Vertical, Shrouded, 8 Circuits, 4µm Tin/Lead (Sn) over Nickel (Ni)



|                                                               |                                                                  |
|---------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                    |                                                                  |
| <a href="#">3D Model</a>                                      | <a href="#">Application Specification 901190001-AS-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification PK-90136-001-001 (PDF)</a>   |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |
| <a href="#">Product Specification PS-99020-0001-001 (PDF)</a> |                                                                  |

|                                |                          |
|--------------------------------|--------------------------|
| Agency Certification           |                          |
| CSA                            | LR19980                  |
| UL                             | E29179                   |
| General                        |                          |
| Product Family                 | PCB Headers              |
| Series                         | 90136                    |
| Application                    | Signal, Wire-to-Board    |
| Overview                       | C-Grid III Interconnects |
| Product Name                   | C-Grid III               |
| UPC                            | 800753532489             |
| Physical                       |                          |
| Breakaway                      | No                       |
| Circuits (Loaded)              | 8                        |
| Circuits (maximum)             | 8                        |
| 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      | Tin                      |
| Material - Plating Termination | Tin                      |
| Material - Resin               | Polyester                |
| Net Weight                     | 1.267/g                  |
| Number of Rows                 | 1                        |
| Orientation                    | Vertical                 |
| 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 PCB               | No                       |
| Shrouded                       | Fully                    |
| Stackable                      | No                       |
| Temperature Range - Operating  | -55° to +125°C           |
| Termination Interface: Style   | Through Hole             |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China 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 <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

90136 Series

Mates With

90123 C-Grid III Modular Crimp Housing,

90156 C-Grid III Crimp Housing

**Electrical**

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

**Solder Process Data**

|                                                |      |
|------------------------------------------------|------|
| Duration at Max. Process Temperature (seconds) | 005  |
| Lead-freeProcess Capability                    | WAVE |
| Max. Cycles at Max. Process Temperature        | 001  |
| Process Temperature max. C                     | 260  |

**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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