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Part Number:

0901210148

Status:

Active

Overview:

C-Grid III Interconnects

Description:

2.54mm Pitch C-Grid III Header, Single Row, Right-Angle, 28 Circuits, Tin (Sn) Plating

Documents:

3D Model

Packaging Specification PK-90120-100-001 (PDF)

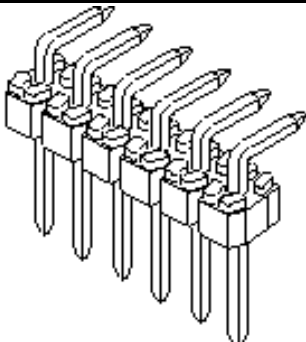
Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-99020-0001-001 (PDF)

|                      |                          |
|----------------------|--------------------------|
| Agency Certification |                          |
| UL                   | E29179                   |
| General              |                          |
| Product Family       | PCB Headers              |
| Series               | 90121                    |
| 3D Viewer            | Yes                      |
| Application          | Signal, Wire-to-Board    |
| CURRENT-MAX-NUMERIC  | 3.0                      |
| Overview             | C-Grid III Interconnects |
| PITCH-MATING-NUMERIC | 2.54                     |
| Product Name         | C-Grid III               |
| UPC                  | 800753712577             |

|                                |                |
|--------------------------------|----------------|
| Physical                       |                |
| Breakaway                      | Yes            |
| Circuits (Loaded)              | 28             |
| Circuits (maximum)             | 28             |
| 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            | None           |
| Material - Metal               | Brass          |
| Material - Plating Mating      | Tin            |
| Material - Plating Termination | Tin            |
| Material - Resin               | Polyester      |
| Net Weight                     | 2.100/g        |
| Number of Rows                 | 1              |
| 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           | 4.064µm        |
| 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   |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - ED/71/2019 (16 July 2019)                 |               |
| 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

90121 Series

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum             | 350V |

**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**

|                         |                   |
|-------------------------|-------------------|
| Packaging Specification | PK-90120-100-001  |
| Product Specification   | PS-99020-0001-001 |
| Sales Drawing           | SD-90121-001      |

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