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Part Number:

0901471104

Status:

Active

Overview:

C-Grid Connector Products

Description:

C-Grid PC Board Connector, Single Row, Vertical, 4 Circuits, Tin (Sn) Plating

|                                               |                                                  |
|-----------------------------------------------|--------------------------------------------------|
| Documents:                                    |                                                  |
| 3D Model (PDF)                                | Application Specification 713080001-AS-000 (PDF) |
| 3D Model                                      | Application Specification 901190001-AS-000 (PDF) |
| Drawing (PDF)                                 | Packaging Specification PK-90147-001-002 (PDF)   |
| Product Specification PS-99020-0001-001 (PDF) | RoHS Certificate of Compliance (PDF)             |

Agency Certification

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

General

|                |                           |
|----------------|---------------------------|
| Product Family | PCB Receptacles           |
| Series         | 90147                     |
| Application    | Board-to-Board, Signal    |
| Overview       | C-Grid Connector Products |
| Product Name   | C-Grid                    |
| UPC            | 800753538894              |

Physical

|                                |                 |
|--------------------------------|-----------------|
| Circuits (Loaded)              | 4               |
| Circuits (maximum)             | 4               |
| Color - Resin                  | Black           |
| Flammability                   | 94V-0           |
| Glow-Wire Capable              | No              |
| Guide to Mating Part           | No              |
| Keying to Mating Part          | None            |
| Lock to Mating Part            | No              |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |
| Material - Resin               | Polyester       |
| Net Weight                     | 0.526/g         |
| Number of Rows                 | 1               |
| Orientation                    | Vertical        |
| PC Tail Length                 | 2.90mm          |
| PCB Locator                    | No              |
| PCB Retention                  | Yes             |
| PCB Thickness - Recommended    | 1.60mm          |
| Packaging Type                 | Tube            |
| Pitch - Mating Interface       | 2.54mm          |
| Pitch - Termination Interface  | 2.54mm          |
| Plating min - Mating           | 1.016µm         |
| Plating min - Termination      | 1.016µm         |
| Polarized to PCB               | No              |
| Surface Mount Compatible (SMC) | N/A             |
| Temperature Range - Operating  | -55° to +105°C  |
| Termination Interface: Style   | Through Hole    |

Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Grounding to PCB              | No   |
| Voltage - Maximum             | 350V |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

90147 Series

Mates With

90120 , 90121

Use With

90120 , 90121

**Solder Process Data**

Lead-freeProcess Capability

WAVE

**Material Info**

**Reference - Drawing Numbers**

Application Specification 713080001-AS-000, 901190001-AS-000  
Packaging Specification PK-90147-001-002  
Product Specification PS-99020-0001-001  
Sales Drawing SDA-90147-001

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