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Part Number:

0901471214

Status:

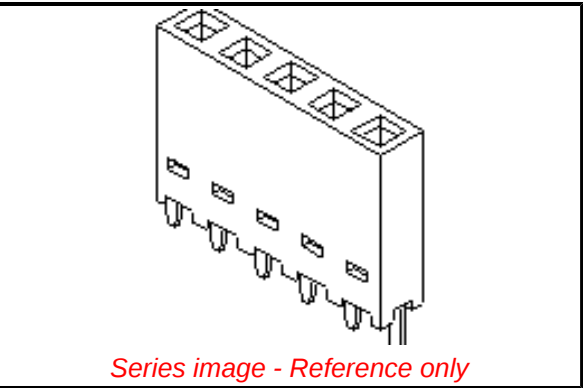
Active

Overview:

C-Grid Connector Products

Description:

C-Grid PC Board Connector, Single Row, Vertical, 14 Circuits, Gold (Au) Plating



|                                               |                                                  |
|-----------------------------------------------|--------------------------------------------------|
| Documents:                                    |                                                  |
| 3D Model                                      | Application Specification 713080001-AS-000 (PDF) |
| 3D Model (PDF)                                | Application Specification 901190001-AS-000 (PDF) |
| Drawing (PDF)                                 | RoHS Certificate of Compliance (PDF)             |
| Product Specification PS-99020-0001-001 (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                            | 800753674295              |
| Physical                       |                           |
| Circuits (Loaded)              | 14                        |
| Circuits (maximum)             | 14                        |
| Color - Resin                  | Black                     |
| Durability (mating cycles max) | 100                       |
| 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      | Gold                      |
| Material - Plating Termination | Tin                       |
| Material - Resin               | Polyester                 |
| Net Weight                     | 1.190/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           | 0.381µm                   |
| Plating min - Termination      | 3.048µm                   |
| Polarized to PCB               | No                        |
| Temperature Range - Operating  | -55° to +125°C            |
| Termination Interface: Style   | Through Hole              |
| Electrical                     |                           |
| Current - Maximum per Contact  | 3.0A                      |
| Grounding to PCB               | No                        |
| Voltage - Maximum              | 350V                      |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| 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

90147 Series

Mates With

90120 , 90121

Use With

90120 , 90121

**Solder Process Data**

Lead-freeProcess CapabilityWAVE

**Material Info**

**Reference - Drawing Numbers**

Application Specification713080001-AS-000, 901190001-AS-000  
Product SpecificationPS-99020-0001-001  
Sales DrawingSDA-90147-001

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