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Part Number:

0901210765

Status:

Active

Overview:

C-Grid III Interconnects

Description:

2.54mm Pitch C-Grid III Header, Single Row, Right-Angle, 5 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

3D Model

Drawing (PDF)

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

Application Specification 901190001-AS-000 (PDF)

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

RoHS Certificate of Compliance (PDF)

|                                |                          |
|--------------------------------|--------------------------|
| Agency Certification           |                          |
| UL                             | E29179                   |
| General                        |                          |
| Product Family                 | PCB Headers              |
| Series                         | 90121                    |
| Application                    | Signal, Wire-to-Board    |
| Overview                       | C-Grid III Interconnects |
| Product Name                   | C-Grid III               |
| UPC                            | 800753706538             |
| Physical                       |                          |
| Breakaway                      | Yes                      |
| Circuits (Loaded)              | 5                        |
| Circuits (maximum)             | 5                        |
| 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      | Gold                     |
| Material - Plating Termination | Tin                      |
| Material - Resin               | Polyester                |
| Net Weight                     | 0.375/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           | 0.381µm                  |
| 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             |
| Electrical                     |                          |
| Current - Maximum per Contact  | 3.0A                     |



Series image - Reference only

EU ELV

Not Relevant

EU 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

Contact US

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

90121 Series

|                                                |                   |
|------------------------------------------------|-------------------|
| Voltage - Maximum                              | 350V              |
| <b>Solder Process Data</b>                     |                   |
| Duration at Max. Process Temperature (seconds) | 005               |
| Lead-freeProcess Capability                    | WAVE              |
| Max. Cycles at Max. Process Temperature        | 001               |
| Process Temperature max. C                     | 260               |
| <b>Material Info</b>                           |                   |
| <b>Reference - Drawing Numbers</b>             |                   |
| Application Specification                      | 901190001-AS-000  |
| Packaging Specification                        | PK-90120-100-001  |
| Product Specification                          | PS-99020-0001-001 |
| Sales Drawing                                  | SD-90121-001-001  |

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