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Part Number:

0015912200

Status:

Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid Breakaway Header, Surface Mount, Dual Row, Vertical, 20 Circuits, Tin (Sn) Plating, without PCB Locator Pegs



Documents:

Drawing (PDF)

3D Model

3D Model (PDF)

Product Specification PS-71308-001 (PDF)

Application Specification 713080001-AS-000 (PDF)

Packaging Specification 713080001-PK-000 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |  |                                       |
|--------------------------------|--|---------------------------------------|
| Agency Certification           |  |                                       |
| CSA                            |  | LR19980                               |
| UL                             |  | E29179                                |
| General                        |  |                                       |
| Product Family                 |  | PCB Headers                           |
| Series                         |  | 71308                                 |
| Application                    |  | Board-to-Board, Signal, Wire-to-Board |
| Overview                       |  | C-Grid Connector Products             |
| Product Name                   |  | C-Grid                                |
| Taxonomy                       |  | PCB Headers and Receptacles           |
| UPC                            |  | 800754397001                          |
| Physical                       |  |                                       |
| Breakaway                      |  | Yes                                   |
| Circuits (Loaded)              |  | 20                                    |
| Circuits (maximum)             |  | 20                                    |
| Color - Resin                  |  | Black                                 |
| Durability (mating cycles max) |  | 25                                    |
| Flammability                   |  | 94V-0                                 |
| Glow-Wire Capable              |  | No                                    |
| Lock to Mating Part            |  | None                                  |
| Material - Metal               |  | Phosphor Bronze                       |
| Material - Plating Mating      |  | Tin                                   |
| Material - Plating Termination |  | Tin                                   |
| Material - Resin               |  | High Temperature Thermoplastic        |
| Net Weight                     |  | 1.528/g                               |
| Number of Rows                 |  | 2                                     |
| Orientation                    |  | Vertical                              |
| PCB Locator                    |  | No                                    |
| PCB Retention                  |  | None                                  |
| Packaging Type                 |  | Tube                                  |
| Pitch - Mating Interface       |  | 2.54mm                                |
| Plating min - Mating           |  | 3.810µm                               |
| Plating min - Termination      |  | 3.810µm                               |
| Polarized to Mating Part       |  | No                                    |
| Polarized to PCB               |  | No                                    |
| Shrouded                       |  | No                                    |
| Stackable                      |  | Yes                                   |
| Temperature Range - Operating  |  | -40° to +105°C                        |
| Termination Interface: Style   |  | Surface Mount                         |
| Electrical                     |  |                                       |
| Current - Maximum per Contact  |  | 3.0A                                  |
| Voltage - Maximum              |  | 250V                                  |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2022)4187-DC (10 June 2022)             |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| 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

71308 Series

Mates With

C-Grid Surface Mount Right-Angle PCB Receptacle [71979](#) . C-Grid Surface Mount Vertical PCB Receptacle [71395](#) . C-Grid Through-hole Vertical PCB Receptacle [71850](#) . C-Grid Shunt Terminal Housing [7859](#)

**Solder Process Data**

|                                                |        |
|------------------------------------------------|--------|
| Duration at Max. Process Temperature (seconds) | 030    |
| Lead-freeProcess Capability                    | REFLOW |
| Max. Cycles at Max. Process Temperature        | 003    |
| Process Temperature max. C                     | 245    |

**Material Info**

|                    |             |
|--------------------|-------------|
| Engineering Number | 71308-0020N |
|--------------------|-------------|

**Reference - Drawing Numbers**

|                           |                  |
|---------------------------|------------------|
| Application Specification | 713080001-AS-000 |
| Packaging Specification   | 713080001-PK-000 |
| Product Specification     | PS-71308-001     |
| Sales Drawing             | 713080000-SD-000 |

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