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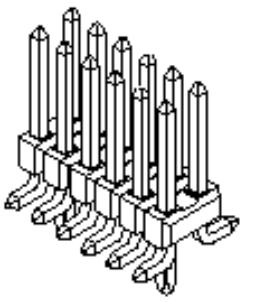
**Part Number:** 0015910120
**Status:** Active
**Overview:** C-Grid Connector Products
**Description:** 2.54mm Pitch C-Grid Breakaway Header, Surface Mount, Dual Row, Vertical, 12 Circuits, 0.38µm Gold (Au) Selective Plating



*Series image - Reference only*

**Documents:**

3D Model
3D Model (PDF)
Drawing (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 |
| UPC | 800753769847 |

**Physical**

| | |
|---|---|
| Breakaway | Yes |
| Circuits (Loaded) | 12 |
| Circuits (maximum) | 12 |
| Color - Resin | Black |
| Durability (mating cycles max) | 50 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Lock to Mating Part | None |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 0.918/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | None |
| Packaging Type | Tube |
| Pitch - Mating Interface | 2.54mm |
| Plating min - Mating | 0.381µm |
| Plating min - Termination | 2.032µm |
| 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 |

**Solder Process Data**

**EU ELV**
**Not Relevant**

**EU RoHS** | **China RoHS**
**Compliant**

**REACH SVHC**
Not Contained Per - D(2020)9139-DC (19 Jan 2021)

**Halogen-Free Status**
**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**
71308 Series

| | |
|---|---|
| Lead-freeProcess Capability | REFLOW |
| Process Temperature max. C | 260 |

**Material Info**

| | |
|---|---|
| Engineering Number | 71308-0112N |

**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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