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Part Number: [0015916102](#)
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Breakaway Header, Surface Mount, Dual Row, Vertical, 10 Circuits, 0.38µm Gold (Au) Selective Plating, without PCB Locator Pegs, Tape and Reel

Documents:

| | |
|--|--|
| Drawing (PDF) | Application Specification 713080001-AS-000 (PDF) |
| 3D Model | Packaging Specification 713080000-PK-000 (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-71308-001 (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 | 800754852432 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | Yes |
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| 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 | 0.795/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | None |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 2.54mm |
| Plating min - Mating | 0.381µm |
| Plating min - Termination | 2.032µm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Robotic Placement | Pick and Place Cap |
| Shrouded | No |
| Stackable | Yes |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Surface Mount |

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[71308 Series](#)

| | |
|------------------------------------|------------------|
| Voltage - Maximum | 250V |
| Solder Process Data | |
| Lead-free Process Capability | REFLOW |
| Process Temperature max. C | 260 |
| Material Info | |
| Engineering Number | 71308-1610 |
| Reference - Drawing Numbers | |
| Application Specification | 713080001-AS-000 |
| Packaging Specification | 713080000-PK-000 |
| Product Specification | PS-71308-001 |
| Sales Drawing | 713080000-SD-000 |

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