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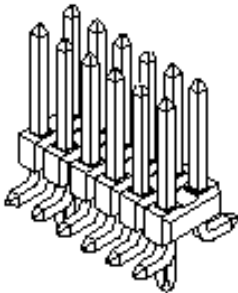
**Part Number:** [0015910727](#)  
**Status:** **Active**  
**Overview:** [C-Grid Connector Products](#)  
**Description:** 2.54mm Pitch C-Grid Header, Surface Mount, Dual Row, Vertical, 72 Circuits, 0.38µm Gold (Au) Selective Plating, with 3.30mm PCB Locator Pegs, with 8.13mm Mating Pin Length

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-71308-001 \(PDF\)](#)  
[Packaging Specification 713080001-PK-000 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

|                             |                                           |
|-----------------------------|-------------------------------------------|
| <b>Agency Certification</b> |                                           |
| CSA                         | LR19980                                   |
| UL                          | E29179                                    |
| <b>General</b>              |                                           |
| Product Family              | PCB Headers                               |
| Series                      | <a href="#">71308</a>                     |
| Application                 | Board-to-Board, Signal, Wire-to-Board     |
| CURRENT-MAX-NUMERIC         | 3.0                                       |
| Overview                    | <a href="#">C-Grid Connector Products</a> |
| PITCH-MATING-NUMERIC        | 2.54                                      |
| Product Name                | C-Grid                                    |
| UPC                         | 800754653473                              |

|                                |                                |
|--------------------------------|--------------------------------|
| <b>Physical</b>                |                                |
| Breakaway                      | Yes                            |
| Circuits (Loaded)              | 72                             |
| Circuits (maximum)             | 72                             |
| 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                     | 17.546/g                       |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface       | 2.54mm                         |
| Plating min - Mating           | 0.381µm                        |
| Plating min - Termination      | 1.905µm                        |
| 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                  |

|                               |      |
|-------------------------------|------|
| <b>Electrical</b>             |      |
| Current - Maximum per Contact | 3.0A |



Series image - Reference only

|                                                               |                   |
|---------------------------------------------------------------|-------------------|
| <b>EU ELV</b>                                                 |                   |
| <b>Not Relevant</b>                                           |                   |
| <b>EU RoHS</b>                                                | <b>China RoHS</b> |
| <b>Not Reviewed</b>                                           |                   |
| <b>REACH SVHC</b>                                             |                   |
| Not Reviewed                                                  |                   |
| <b>Halogen-Free</b>                                           |                   |
| <b>Status</b>                                                 |                   |
| <b>Not Reviewed</b>                                           |                   |
| For more information, please visit <a href="#">Contact US</a> |                   |
| China ROHS                                                    | Not Reviewed      |
| ELV                                                           | Not Relevant      |
| RoHS Phthalates                                               | Not Reviewed      |

**Search Parts in this Series**  
[71308 Series](#)

|                                    |                  |
|------------------------------------|------------------|
| Voltage - Maximum                  | 250V             |
| <b>Solder Process Data</b>         |                  |
| Lead-freeProcess Capability        | REFLOW           |
| Process Temperature max. C         | 260              |
| <b>Material Info</b>               |                  |
| Engineering Number                 | 71308-5172       |
| <b>Reference - Drawing Numbers</b> |                  |
| Packaging Specification            | 713080001-PK-000 |
| Product Specification              | PS-71308-001     |
| Sales Drawing                      | SD-71308-001     |

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