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**Part Number:** [0015916042](#)  
**Status:** **Active**  
**Overview:** [C-Grid Connector Products](#)  
**Description:** 2.54mm Pitch C-Grid Header, Surface Mount, Dual Row, Vertical, 4 Circuits, 0.38µm Gold (Au) Selective Plating, without PCB Locator Pegs, Tape and Reel

**Documents:**

|                                                          |                                                                |
|----------------------------------------------------------|----------------------------------------------------------------|
| <a href="#">3D Model</a>                                 | <a href="#">Packaging Specification 713080000-PK-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Packaging Specification 713080001-PK-000 (PDF)</a> |
| <a href="#">Product Specification PS-71308-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

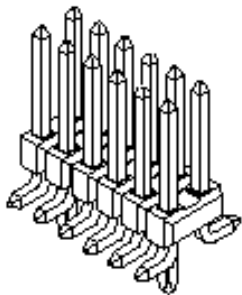
|                      |                                           |
|----------------------|-------------------------------------------|
| Product Family       | PCB Headers                               |
| Series               | <a href="#">71308</a>                     |
| Application          | 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                  | 800756191607                              |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | Yes                            |
| Circuits (Loaded)              | 4                              |
| Circuits (maximum)             | 4                              |
| 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                     | 0.487/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**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**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**

[71308 Series](#)

|                                                |                                    |
|------------------------------------------------|------------------------------------|
| Voltage - Maximum                              | 250V                               |
| <b>Solder Process Data</b>                     |                                    |
| Duration at Max. Process Temperature (seconds) | 005                                |
| Lead-freeProcess Capability                    | REFLOW                             |
| Max. Cycles at Max. Process Temperature        | 001                                |
| Process Temperature max. C                     | 260                                |
| <b>Material Info</b>                           |                                    |
| Engineering Number                             | 71308-1604                         |
| <b>Reference - Drawing Numbers</b>             |                                    |
| Packaging Specification                        | 713080000-PK-000, 713080001-PK-000 |
| Product Specification                          | PS-71308-001                       |
| Sales Drawing                                  | 713080000-SD-000, SD-71308-001     |

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