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**Part Number:** [0713085446](#)  
**Status:** **Active**  
**Overview:** C-Grid Connector Products  
**Description:** 2.54mm Pitch C-Grid Header, Surface Mount, Dual Row, Vertical, 46 Circuits, 1.50µm Minimum Bright Tin (Sn) Over Nickel (Ni) Plating, without PCB Locator Pegs

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>                                       | <a href="#">Packaging Specification 713080002-PK-000 (PDF)</a>  |
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Packaging Specification 713080003-PK-000 (PDF)</a>  |
| <a href="#">Product Specification PS-71308-001 (PDF)</a>       | <a href="#">Packaging Specification PK-70873-0353-001 (PDF)</a> |
| <a href="#">Packaging Specification 713080000-PK-000 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |
| <a href="#">Packaging Specification 713080001-PK-000 (PDF)</a> |   |

**Agency Certification**

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

**General**

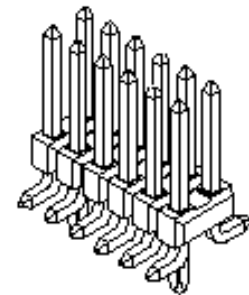
|                      |   |
|----------------------|---|
| Product Family       | PCB Headers                               |
| Series               | <a href="#">71308</a>                     |
| 3D Viewer            | Yes                                       |
| Application          | Board-to-Board, 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                  | 883906271398                              |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | Yes                            |
| Circuits (Loaded)              | 46                             |
| Circuits (maximum)             | 46                             |
| 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      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 2.829/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface       | 2.54mm                         |
| 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 |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**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](#)

**Solder Process Data**

|  |        |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 040    |
| Lead-free Process Capability                   | REFLOW |
| Max. Cycles at Max. Process Temperature        | 003    |
| Process Temperature max. C                     | 260    |

**Material Info****Reference - Drawing Numbers**

|                         |   |
|-------------------------|---|
| Packaging Specification | 713080000-PK-000, 713080001-PK-000, 713080002-PK-000, 713080003-PK-000, PK-70873-0353-001 |
| Product Specification   | PS-71308-001  |
| Sales Drawing           | 713080000-SD-000, SD-71308-001  |

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