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**Part Number:** [0702471454](#)  
**Status:** **Active**  
**Overview:** [C-Grid Connector Products](#)  
**Description:** 2.54mm Pitch C-Grid Header, Dual Row, Low Profile, Right Angle, Shrouded, 14 Circuits, 0.13µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

**Documents:**

|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification 713080001-AS-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-87835-001-001 (PDF)</a>   |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |
| <a href="#">Product Specification PS-70246-100-001 (PDF)</a> |                                                                  |

**Agency Certification**

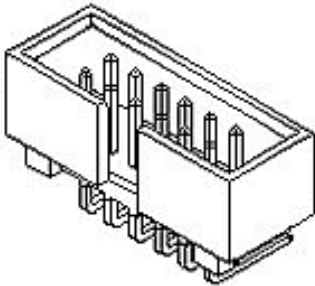
|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |                                           |
|----------------|-------------------------------------------|
| Product Family | PCB Headers                               |
| Series         | <a href="#">70247</a>                     |
| Application    | Signal, Wire-to-Board                     |
| Overview       | <a href="#">C-Grid Connector Products</a> |
| Product Name   | C-Grid                                    |
| Taxonomy       | PCB Headers and Receptacles               |
| UPC            | 822348757992                              |

**Physical**

|                                |                |
|--------------------------------|----------------|
| Breakaway                      | No             |
| Circuits (Loaded)              | 14             |
| Circuits (maximum)             | 14             |
| Color - Resin                  | Black          |
| Durability (mating cycles max) | 50             |
| First Mate / Last Break        | No             |
| Flammability                   | 94V-0          |
| Glow-Wire Capable              | No             |
| Guide to Mating Part           | No             |
| Keying to Mating Part          | None           |
| Lock to Mating Part            | None           |
| Material - Plating Mating      | Gold           |
| Material - Plating Termination | Tin            |
| Material - Resin               | Polyester      |
| Net Weight                     | 2.121/g        |
| Number of Rows                 | 2              |
| Orientation                    | Right Angle    |
| PC Tail Length                 | 3.05mm         |
| PCB Locator                    | No             |
| PCB Retention                  | None           |
| PCB Thickness - Recommended    | 1.60mm         |
| Packaging Type                 | Tray           |
| Pitch - Mating Interface       | 2.54mm         |
| Pitch - Termination Interface  | 2.54mm         |
| Plating min - Mating           | 0.127µm        |
| Plating min - Termination      | 1.905µm        |
| Polarized to Mating Part       | Center Slot    |
| Shrouded                       | Fully          |
| Stackable                      | No             |
| Temperature Range - Operating  | -55° to +120°C |
| Termination Interface: Style   | Through Hole   |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**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**

[70247](#) Series

**Mates With**

C-Grid Vertical PCB Receptacle [71850](#) ,  
[71395](#) . SL Crimp Housing [70450](#)

**Electrical**

|                               |         |
|-------------------------------|---------|
| Current - Maximum per Contact | 2.5A    |
| Voltage - Maximum             | 250V DC |

**Solder Process Data**

|                                                |      |
|------------------------------------------------|------|
| Duration at Max. Process Temperature (seconds) | 010  |
| Lead-freeProcess Capability                    | WAVE |
| Max. Cycles at Max. Process Temperature        | 001  |
| Process Temperature max. C                     | 235  |

**Material Info**

**Reference - Drawing Numbers**

|                           |                       |
|---------------------------|-----------------------|
| Application Specification | 713080001-AS-000      |
| Packaging Specification   | PK-87835-001-001      |
| Product Specification     | PS-70246-100-001      |
| Sales Drawing             | SDA-70247-XX00-04-001 |

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