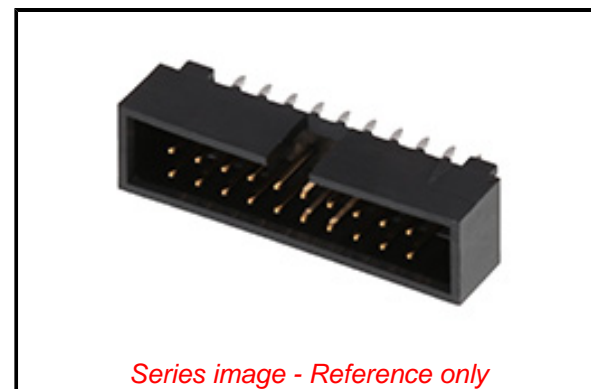


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0702462004**  
**Status:** **Active**  
**Overview:** C-Grid Connector Products  
**Description:** 2.54mm Pitch C-Grid Header, Low Profile, Dual Row, Vertical, Shrouded, 20 Circuits, 0.127µm Gold (Au) Plating, Tin(Sn) PC Tail Plating

**Documents:**

|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification 713080001-AS-000 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Packaging Specification PK-87835-001-001 (PDF)</a>   |
| <a href="#">Drawing (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         | 70246                       |
| Application    | Signal, Wire-to-Board       |
| Component Type | PCB Header                  |
| Overview       | C-Grid Connector Products   |
| Product Name   | C-Grid                      |
| Taxonomy       | PCB Headers and Receptacles |
| UPC            | 822348757343                |

**Physical**

|                                |                |
|--------------------------------|----------------|
| Breakaway                      | No             |
| Circuits (Loaded)              | 20             |
| Circuits (maximum)             | 20             |
| 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            |
| Net Weight                     | 2.547/g        |
| Number of Rows                 | 2              |
| Orientation                    | Vertical       |
| PC Tail Length                 | 3.43mm         |
| 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       | Yes            |
| Polarized to PCB               | No             |
| Shrouded                       | Closed Ends    |
| Stackable                      | No             |
| Surface Mount Compatible (SMC) | No             |
| Temperature Range - Operating  | -55° to +120°C |
| Termination Interface: Style   | Through Hole   |

**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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[70246 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-free Process 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-70246-XX20-25_39-41-0 |

This document was generated on 02/03/2023

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