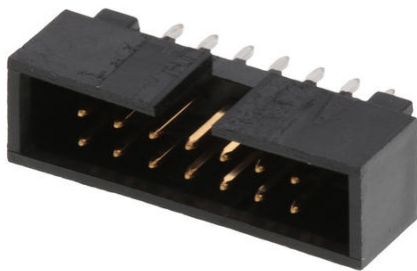




**Part Number :** [702461402](#)  
**Product Description :** 2.54mm Pitch C-Grid Header,  
Low Profile, Dual Row, Vertical, Shrouded, 14 Circuits,  
0.76µm Gold (Au) Selective Plating, Tin (Sn) PC Tail  
Plating  
**Series Number :** 70246  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[702461402 sd.pdf](#)  
[PK-87835-001-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)  
[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[713080001-AS-000.pdf](#)  
[PS-70246-100-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 34; 33                                                                          |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                                           |
| REACH SVHC         | Not Contained per D(2025)4165-DC (25 June 2025)                                                              |

|         |                           |
|---------|---------------------------|
| EU RoHS | Compliant per EU 2015/863 |
|---------|---------------------------|

#### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

|                |                                                                                                                                                  |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                                           |
| Category       | PCB Headers and Receptacles                                                                                                                      |
| Series         | 70246                                                                                                                                            |
| Description    | 2.54mm Pitch C-Grid Header, Low Profile, Dual Row, Vertical, Shrouded, 14 Circuits, 0.76µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating |
| Application    | Signal, Wire-to-Board                                                                                                                            |
| Component Type | PCB Header                                                                                                                                       |
| Product Name   | C-Grid                                                                                                                                           |
| UPC            | 822348487387                                                                                                                                     |

### Agency

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

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2.5A |
|-------------------------------|------|

|                   |         |
|-------------------|---------|
| Voltage - Maximum | 250V DC |
|-------------------|---------|

## Physical

|                                |                |
|--------------------------------|----------------|
| Breakaway                      | No             |
| Circuits (Loaded)              | 14             |
| Circuits (maximum)             | 14             |
| 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                     | 1.899/g        |
| Number of Rows                 | 2              |
| Orientation                    | Vertical       |
| Packaging Type                 | Tray           |
| PCB Locator                    | No             |
| PCB Retention                  | None           |
| PCB Thickness - Recommended    | 1.60mm         |
| PC Tail Length                 | 3.43mm         |
| Pitch - Mating Interface       | 2.54mm         |
| Pitch - Termination Interface  | 2.54mm         |
| Plating min - Mating           | 0.762µm        |
| Plating min - Termination      | 1.905µm        |
| Polarized to Mating Part       | Center Slot    |
| Polarized to PCB               | No             |
| Shrouded                       | Fully          |
| Stackable                      | No             |
| Temperature Range - Operating  | -55° to +120°C |
| Termination Interface Style    | Through Hole   |

## Solder Process Data

|              |    |
|--------------|----|
| Max-Duration | 10 |
|--------------|----|

|                              |      |
|------------------------------|------|
| Lead-Free Process Capability | WAVE |
| Max-Cycle                    | 1    |
| Max-Temp                     | 235  |

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### Mates With / Use With

#### Mates with Part(s)

| Description                                                           | Part Number  |
|-----------------------------------------------------------------------|--------------|
| C-Grid Vertical, Dual Row, High Profile, Surface Mount PCB Connectors | <u>71395</u> |
| C-Grid Vertical, Dual Row, High Profile, Through Hole PCB Receptacles | <u>71850</u> |
| SL Dual Row Crimp Housings                                            | <u>70450</u> |