



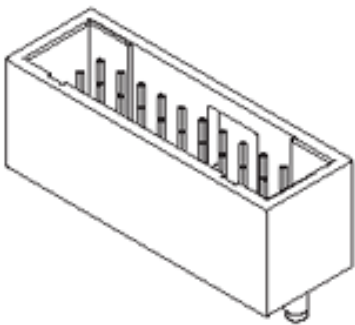
**Part Number :** [713492057](#)

**Product Description :** 2.54mm Pitch C-Grid Header, Surface Mount, Dual Row, Vertical, Shrouded, 50 Circuits, 0.38µm Gold (Au) Selective Plating, with Press-fit Plastic Pegs

**Series Number :** 71349

**Status :** Active

**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[713492057\\_sd.pdf](#)

[PK-70873-0018-001.pdf](#)

[PK-70873-0019-001.pdf](#)

### 3D Models and Design Files

[713492057\\_stp.zip](#)

### Specifications

[713080001-AS-000.pdf](#)

[PS-71349-001-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44                                                           |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2024)6225-DC (07 Nov 2024)                                        |
| EU RoHS            | Compliant per EU 2015/863                                                             |

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

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

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|                |                                                                                                                                                       |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                                                |
| Category       | PCB Headers and Receptacles                                                                                                                           |
| Series         | 71349                                                                                                                                                 |
| Description    | 2.54mm Pitch C-Grid Header, Surface Mount, Dual Row, Vertical, Shrouded, 50 Circuits, 0.38µm Gold (Au) Selective Plating, with Press-fit Plastic Pegs |
| Application    | Signal, Wire-to-Board                                                                                                                                 |
| Component Type | PCB Header                                                                                                                                            |
| Product Name   | C-Grid                                                                                                                                                |
| UPC            | 800754838399                                                                                                                                          |

#### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

#### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum             | 250V |

#### Physical

|                                |       |
|--------------------------------|-------|
| Breakaway                      | No    |
| Circuits (Loaded)              | 50    |
| Circuits (maximum)             | 50    |
| 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            | Yes                            |
| Material - Metal               | Brass, Phosphor Bronze         |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 8.682/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| Packaging Type                 | Tube                           |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| Pitch - Mating Interface       | 2.54mm                         |
| Pitch - Termination Interface  | 2.54mm                         |
| Plating min - Mating           | 0.381µm                        |
| Plating min - Termination      | 1.905µm                        |
| Polarized to Mating Part       | Yes                            |
| Shrouded                       | Fully                          |
| Stackable                      | No                             |
| Temperature Range - Operating  | -40° to +105°C                 |
| Termination Interface Style    | Surface Mount                  |

## Solder Process Data

|                              |        |
|------------------------------|--------|
| Max-Duration                 | 30     |
| Lead-Free Process Capability | REFLOW |
| Max-Cycle                    | 3      |
| Max-Temp                     | 245    |