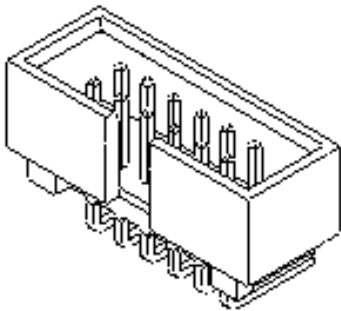




Part Number : [702472654](#)
Product Description : 2.54mm Pitch C-Grid Header, Low Profile, Dual Row, Right Angle, Shrouded, 26 Circuits, 0.127µm Gold (Au) Plating, Tin(Sn) PC Tail Plating
Series Number : 70247
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources


Drawings
[Drawing 702472654_sd.pdf](#)
[Packaging Design Drawing PK-87835-001-001.pdf](#)

3D Models and Design Files
[3D Model 702472654_stp.zip](#)

Specifications
[Application Specification 713080001-AS-000.pdf](#)
[Product Specification PS-70246-100-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 34; 33 |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2023)3788-DC (14 Jun 2023) |
| 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

Part Details

General

| | |
|----------------|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 70247 |
| Description | 2.54mm Pitch C-Grid Header, Low Profile, Dual Row, Right Angle, Shrouded, 26 Circuits, 0.127µm Gold (Au) Plating, Tin(Sn) PC Tail Plating |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Family | C-Grid Connector Products |
| Product Name | C-Grid |
| UPC | 822348758432 |

Agency

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

Electrical

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

Physical

| | |
|--------------------|-------|
| Breakaway | No |
| Circuits (Loaded) | 26 |
| Circuits (maximum) | 26 |
| 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 | 3.570/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| PC Tail Length | 2.54mm |
| PCB Locator | No |
| 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 |
| 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 |

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> |