



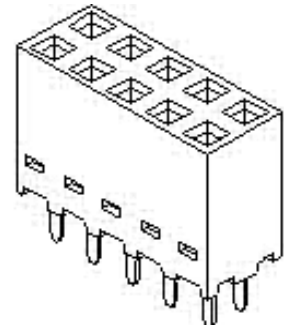
Part Number : [901512134](#)

Product Description : C-Grid III PC Board
Connector, Dual Row, Vertical, 34 Circuits, Tin (Sn)
Plating

Series Number : 90151

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[901512134 sd.pdf](#)

[PK-90151-001-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Specifications


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

[901190001-AS-000.pdf](#)

[PS-99020-0001-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|--|
| GADSL/IMDS | Compliant with Exemption 44 |
| China RoHS |  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 ED/71/2019 (16 July 2019) |
| 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 | 90151 |
| Description | C-Grid III PC Board Connector, Dual Row, Vertical, 34 Circuits, Tin (Sn) Plating |
| Application | Board-to-Board, Signal |
| Component Type | PCB Receptacle |
| Product Name | C-Grid |
| UPC | 800753671355 |

Agency

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

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Grounding to PCB | No |
| Voltage - Maximum | 350V |

Physical

| | |
|--------------------------------|-----------------|
| Circuits (Loaded) | 34 |
| Circuits (maximum) | 34 |
| Color - Resin | Black |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | None |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| Net Weight | 2.938/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Tube |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| PC Tail Length | 2.90mm |
| Pitch - Mating Interface | 2.54mm |
| Pitch - Termination Interface | 2.54mm |
| Plating min - Mating | 1.016µm |
| Plating min - Termination | 1.016µm |
| Polarized to PCB | No |
| Temperature Range - Operating | -55° to +125°C |
| Termination Interface Style | Through Hole |

Solder Process Data

| | |
|------------------------------|------|
| Lead-Free Process Capability | WAVE |
|------------------------------|------|

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---------------------------------|--------------|
| C-Grid III Right-Angle Dual Row | <u>90122</u> |

| | |
|--------------------------------------|--------------|
| Headers | |
| C-Grid III Vertical Dual Row Headers | <u>90131</u> |

This document was generated on Aug 11, 2025