



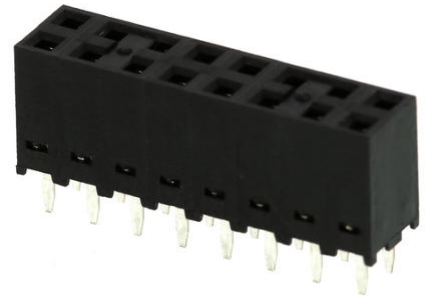
**Part Number :** [901512116](#)

**Product Description :** C-Grid III PC Board  
Connector, Dual Row, Vertical, 16 Circuits, Tin (Sn)  
Plating

**Series Number :** 90151

**Status :** Active

**Product Category :** PCB Headers and Receptacles



---

## Documents and Resources

### Drawings

[901512116 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 D(2025)6375-DC (05 Nov 2025) SCIP:18b2a3e1-1f5e-4fb8-

	b1f1-51c74e18aad5
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, 16 Circuits, Tin (Sn) Plating
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Name	C-Grid
UPC	800753671751

### Agency

UL	E29179
----	--------

### Electrical

Current - Maximum per Contact	3.0A
Grounding to PCB	No

Voltage - Maximum	350V
-------------------	------

## Physical

Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
First Mate / Last Break	No
Flammability	94HB
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	1.384/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 Headers	<u>90122</u>
C-Grid III Vertical Dual Row Headers	<u>90131</u>

---

This document was generated on Dec 16, 2025