

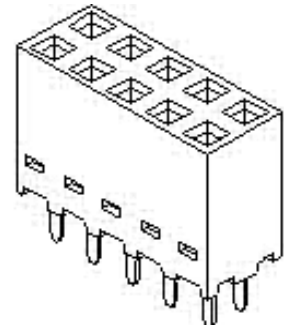
**Part Number :** [901512206](#)

**Product Description :** C-Grid III PC Board  
Connector, Dual Row, Vertical, 6 Circuits, Gold (Au)  
Plating

**Series Number :** 90151

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents and Resources

### Drawings

[901512206\\_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](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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
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### 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, 6 Circuits, Gold (Au) Plating
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Name	C-Grid
UPC	800753670433

### Agency

UL	E29179
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### Electrical

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

## Physical

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	100
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	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	0.507/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	0.80mm, 1.70mm
PC Tail Length	2.90mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	3.048µm
Polarized to PCB	No
Stackable	Yes
Temperature Range - Operating	-55° to +125°C
Termination Interface Style	Through Hole

## Solder Process Data

Lead-Free Process Capability	WAVE
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## 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>

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