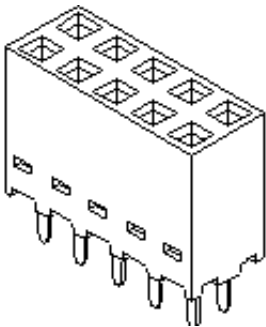




**Part Number :** [901512104](#)  
**Product Description :** C-Grid III PC Board  
Connector, Dual Row, Vertical, 4 Circuits, Tin  
(Sn) Plating  
**Series Number :** 90151  
**Status :** Active  
**Product Category :** PCB Headers and  
Receptacles



## Documents & Resources


**Drawings**  
[Drawing 901512104\\_sd.pdf](#)  
[Packaging Design Drawing PK-90151-001-001.pdf](#)

**3D Models and Design Files**  
[3D Model 901512104\\_stp.zip](#)

**Specifications**  
[Application Specification 713080001-AS-000.pdf](#)  
[Application Specification 901190001-AS-000.pdf](#)  
[Product Specification PS-99020-0001-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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	90151
Description	C-Grid III PC Board Connector, Dual Row, Vertical, 4 Circuits, Tin (Sn) Plating
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Family	C-Grid and C-Grid III Connector Products
Product Name	C-Grid
UPC	800753672451

#### Agency

UL	E29179
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#### Electrical

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

#### Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	30
Flammability	94HB

Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	0.344/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	0.80mm, 1.70mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to PCB	No
Stackable	Yes
Temperature Range - Operating	-55° to +125°C
Termination Interface Style	Through Hole

## Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	230

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
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C-Grid III Right-Angle Dual Row Headers	<u>90122</u>
C-Grid III Vertical Dual Row Headers	<u>90131</u>