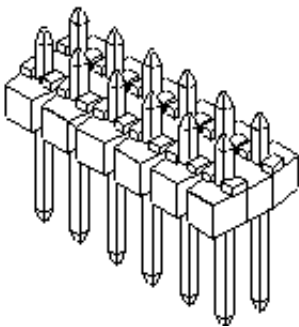




**Part Number :** [901310135](#)  
**Product Description :** 2.54mm Pitch C-Grid III Header, Dual Row, Vertical, 30 Circuits, Tin (Sn) Plating  
**Series Number :** 90131  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[Drawing 901310135\\_sd.pdf](#)  
[Packaging Design Drawing PK-90131-0001-000.pdf](#)

### 3D Models and Design Files


[3D Model 901310135\\_stp.zip](#)

### Specifications

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

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 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)8585-DC (23 Jan 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	90131
Description	2.54mm Pitch C-Grid III Header, Dual Row, Vertical, 30 Circuits, Tin (Sn) Plating
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	C-Grid III Interconnects
Product Name	C-Grid III
UPC	800753704497

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	350V

#### Physical

Breakaway	Yes
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Capable	No

Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	1.906/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	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 Vertical Dual Row PC Board Connectors	<u>90151</u>
C-Grid III Right-Angle Dual Row PC Board Connectors	<u>90152</u>
C-Grid III Dual Row Crimp Housings	<u>90142</u>

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