



**Part Number :** 901310780

**Product Description :** 2.54mm Pitch C-Grid III  
Header, Dual Row, Vertical, 40 Circuits, 0.38µm Gold  
(Au) Selective Plating



**Series Number :** 90131

**Status :** Active

**Product Category :** PCB Headers and Receptacles

---

## Documents & Resources

### Drawings

901310780\_sd.pdf

PK-90131-0001-000.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

### Specifications

901190001-AS-000.pdf

PS-99020-0001-001.pdf

---

## 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 D(2025)4165-DC (25 June 2025)
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	90131
Description	2.54mm Pitch C-Grid III Header, Dual Row, Vertical, 40 Circuits, 0.38µm Gold (Au) Selective Plating
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	C-Grid III
UPC	800753695740

### **Agency**

CSA	LR19980
UL	E29179

### **Electrical**

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

### **Physical**

Breakaway	Yes
Circuits (Loaded)	40
Circuits (maximum)	40
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	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	2.360/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PC Tail Length	2.90mm
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
------------------------------	------

## 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>
C-Grid III Modular Dual Row Crimp Housings	<u>90143</u>

---

This document was generated on Sep 04, 2025