



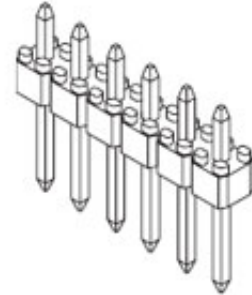
**Part Number :** [901200124](#)

**Product Description :** 2.54mm Pitch C-Grid III Header, Single Row, Vertical, 4 Circuits, Tin (Sn) Plating

**Series Number :** 90120

**Status :** Active

**Product Category :** PCB Headers and Receptacles



---

## Documents & Resources

### Drawings

[Drawing 901200124\\_sd.pdf](#)

[Packaging Design Drawing PK-90120-100-001.pdf](#)

### 3D Models and Design Files

[3D Model 901200124\\_stp.zip](#)

[3D Model PDF 901200124.pdf](#)

### 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)3788-DC (14 Jun 2023)
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

---

### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	90120
Description	2.54mm Pitch C-Grid III Header, Single Row, Vertical, 4 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	800753720428

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	350V AC/DC

#### Physical

Breakaway	Yes
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	30

First Mate / Last Break	No
Flammability	94V-0
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	0.245/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
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

---

#### Mates With / Use With

## Mates with Part(s)

Description	Part Number
C-Grid III Vertical Single Row PC Board Connectors	<u>90147</u>
C-Grid III Right-Angle Single Row PC Board Connectors	<u>90148</u>
C-Grid III Modular Single Row Crimp Housings	<u>90123</u>

---

---

This document was generated on Aug 25, 2023