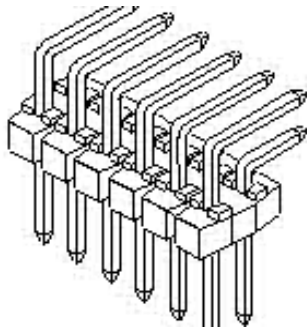




Part Number : [901220126](#)
Product Description : 2.54mm Pitch C-Grid III
Header, Dual Row, Right-Angle, 12 Circuits, 4µm Tin
(Sn) over Nickel (Ni)
Series Number : 90122
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

- [901220126_sd.pdf](#)
- [PK-90120-100-001.pdf](#)
- [901220126_stp.zip](#)
- [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; 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)6375-DC (05 Nov 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	90122
Description	2.54mm Pitch C-Grid III Header, Dual Row, Right-Angle, 12 Circuits, 4µm Tin (Sn) over Nickel (Ni)
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	C-Grid III
UPC	800753710153

Agency

UL	E29179
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Electrical

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

Physical

Breakaway	Yes
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black

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	0.991/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PC Tail Length	2.90mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	3.048µm
Plating min - Termination	3.048µm
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 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>

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