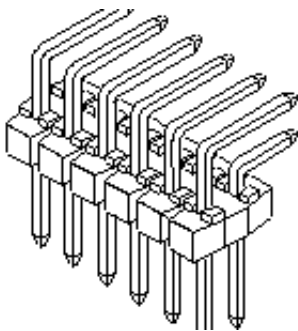




**Part Number :** [901220770](#)  
**Product Description :** 2.54mm Pitch C-Grid III Header, Dual Row, Right-Angle, 20 Circuits, 0.38µm Gold (Au) Selective Plating  
**Series Number :** 90122  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[901220770\\_sd.pdf](#)  
[PK-90120-100-001.pdf](#)

### 3D Models and Design Files


[901220770\\_stp.zip](#)

### Specifications

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

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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	90122
Description	2.54mm Pitch C-Grid III Header, Dual Row, Right-Angle, 20 Circuits, 0.38µm Gold (Au) Selective Plating
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	C-Grid and C-Grid III Connector Products
Product Name	C-Grid III
UPC	800753696730

#### Agency

UL	E29179
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#### Electrical

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

#### Physical

Breakaway	Yes
Circuits (Loaded)	20
Circuits (maximum)	20
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	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	1.660/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
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

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