

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0901200785**  
**Status:** **Active**  
**Overview:** C-Grid III Interconnects  
**Description:** 2.54mm Pitch C-Grid III Header, Single Row, Vertical, 25 Circuits, 0.38µm Gold (Au) Selective Plating

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 901190001-AS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-90120-100-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-99020-0001-001 (PDF)</a>	

**Agency Certification**

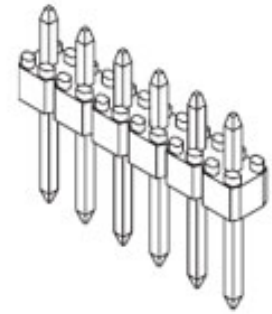
CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<u>90120</u>
Application	Signal, Wire-to-Board
Overview	<u>C-Grid III Interconnects</u>
Product Name	C-Grid III
UPC	800753715479

**Physical**

Breakaway	Yes
Circuits (Loaded)	25
Circuits (maximum)	25
Color - Resin	Black
Durability (mating cycles max)	200
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	Nickel
Material - Resin	Polyester
Net Weight	1.066/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +125°C



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[90120 Series](#)

**Mates With**

[90147 C-Grid PC Board Connector](#), [90123 C-Grid III Modular Crimp Housing](#)

Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact

3.0A

Voltage - Maximum

350V AC/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification

901190001-AS-000

Packaging Specification

PK-90120-100-001

Product Specification

PS-99020-0001-001

Sales Drawing

SD-90120-001-001

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