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Part Number: [0901210772](#)
Status: **Active**
Overview: [C-Grid III Interconnects](#)
Description: 2.54mm Pitch C-Grid III Header, Single Row, Right-Angle, 12 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

3D Model	Application Specification 901190001-AS-000 (PDF)
Drawing (PDF)	Packaging Specification PK-90120-100-001 (PDF)
Product Specification PS-99020-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

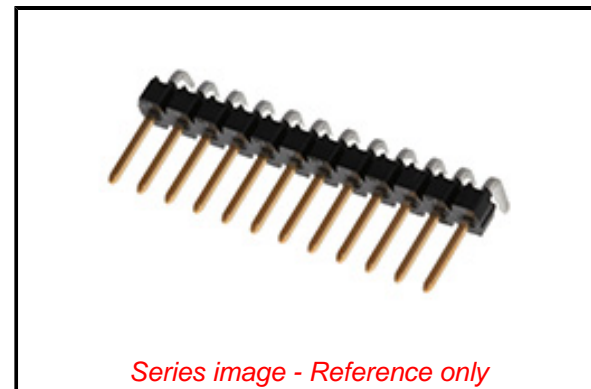
Product Family	PCB Headers
Series	90121
Application	Signal, Wire-to-Board
Overview	C-Grid III Interconnects
Product Name	C-Grid III
UPC	800753705159

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	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	0.900/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	None
Packaging Type	Tray
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

Electrical

Current - Maximum per Contact 3.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

[90121](#) Series

Mates With

C-Grid III Vertical PCB Receptacle [90147](#)
 . C-Grid III Right-Angle PCB Receptacle
[90148](#) . C-Grid III Modular Crimp Housing
[90123](#)

Voltage - Maximum 350V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
Lead-free Process Capability WAVE
Max. Cycles at Max. Process Temperature 001
Process Temperature max. C 260

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-90121-001-001

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