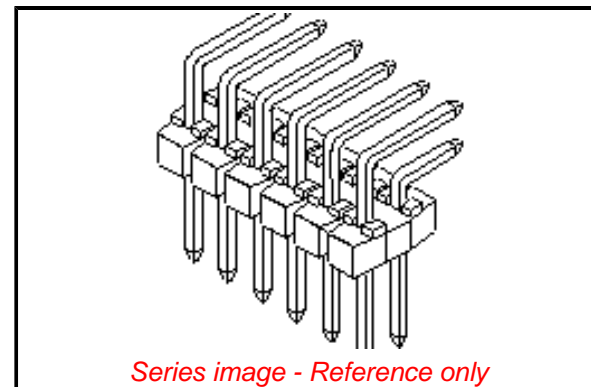


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0901220138**
Status: **Active**
Overview: C-Grid III Interconnects
Description: 2.54mm Pitch C-Grid III Header, Dual Row, Right-Angle, 36 Circuits, 4µm Tin (Sn) over Nickel (Ni)

Documents:

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



Agency Certification

UL E29179

General

| | |
|----------------|--------------------------|
| Product Family | PCB Headers |
| Series | 90122 |
| Application | Signal, Wire-to-Board |
| Overview | C-Grid III Interconnects |
| Product Name | C-Grid III |
| UPC | 800753709942 |

Physical

| | |
|--------------------------------|----------------|
| Breakaway | Yes |
| Circuits (Loaded) | 36 |
| Circuits (maximum) | 36 |
| 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 | 2.988/g |
| Number of Rows | 2 |
| 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 | 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 |

Electrical

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

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

90122 Series

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

Solder Process Data

| | |
|------------------------------|------|
| Lead-free Process Capability | WAVE |
|------------------------------|------|

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|-------------------|
| Application Specification | 901190001-AS-000 |
| Packaging Specification | PK-90120-100-001 |
| Product Specification | PS-99020-0001-001 |
| Sales Drawing | SDA-90122-001 |

This document was generated on 05/22/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION