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Part Number:

0901200124

Status:

Active

Overview:

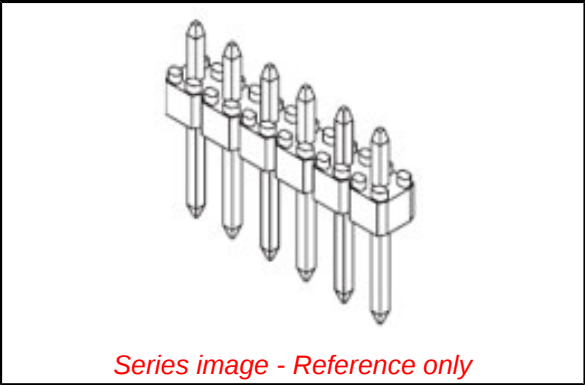
C-Grid III™

Description:

2.54mm Pitch C-Grid III™ Header, Single Row, Vertical, 4 Circuits, Tin (Sn) Plating

|                               |                                                            |
|-------------------------------|------------------------------------------------------------|
| Documents:                    |                                                            |
| <a href="#">3D Model</a>      | <a href="#">Packaging Specification PK-90120-100 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>       |

|                                |                       |
|--------------------------------|-----------------------|
| Agency Certification           |                       |
| CSA                            | LR19980               |
| UL                             | E29179                |
| General                        |                       |
| Product Family                 | PCB Headers           |
| Series                         | 90120                 |
| Application                    | Signal, Wire-to-Board |
| MolexKits                      | Yes                   |
| Overview                       | C-Grid III™           |
| Product Name                   | C-Grid III™           |
| UPC                            | 800753720428          |
| Physical                       |                       |
| Breakaway                      | Yes                   |
| Circuits (Loaded)              | 4                     |
| Circuits (maximum)             | 4                     |
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| First Mate / Last Break        | No                    |
| Flammability                   | 94V-0                 |
| Glow-Wire Compliant            | 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                     | 0.245/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                |
| Polarized to Mating Part       | No                    |
| Polarized to PCB               | No                    |
| Shrouded                       | No                    |
| Stackable                      | No                    |
| Surface Mount Compatible (SMC) | No                    |
| Temperature Range - Operating  | -55°C to +125°C       |
| Termination Interface: Style   | Through Hole          |
| Electrical                     |                       |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

Not Relevant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

90120 Series

Mates With

90147 C-Grid® PC Board Connector, 90123 C-Grid III™ Modular Crimp Housing

|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 3.0A       |
| Voltage - Maximum             | 350V AC/DC |

**Solder Process Data**

|                                                |      |
|------------------------------------------------|------|
| Duration at Max. Process Temperature (seconds) | 005  |
| Lead-freeProcess Capability                    | WAVE |
| Max. Cycles at Max. Process Temperature        | 001  |
| Process Temperature max. C                     | 230  |

**Material Info**

**Reference - Drawing Numbers**

|                         |              |
|-------------------------|--------------|
| Packaging Specification | PK-90120-100 |
| Sales Drawing           | SD-90120-001 |

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