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Part Number: [90130-3214](#)
Status: **Active**
Overview: C-Grid III™
Description: 2.54mm Pitch C-Grid III™ Header, Dual Row, Right Angle, Shrouded, Fully Loaded, 14 Circuits, Black 0.38µm Gold (Au) Selective Plating

Documents:

[3D Model](#) [Product Specification PS-99020-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|----------------|-----------------------------|
| Product Family | PCB Headers |
| Series | 90130 |
| Application | Signal, Wire-to-Board |
| Overview | C-Grid III™ |
| Product Name | C-Grid III™ |
| UPC | 800753704985 |

Physical

| | |
|--------------------------------|-----------------|
| Breakaway | No |
| Circuits (Loaded) | 14 |
| Circuits (maximum) | 14 |
| Color - Resin | Black |
| Durability (mating cycles max) | 100 |
| First Mate / Last Break | No |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| Net Weight | 1.974/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| 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 |
| Plating min - Termination | 3.048µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | No |
| Shrouded | Closed Ends |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -55°C to +125°C |
| Termination Interface: Style | Through Hole |

Electrical

| | |
|-------------------------------|------------|
| Current - Maximum per Contact | 3A |
| Voltage - Maximum | 350V AC/DC |

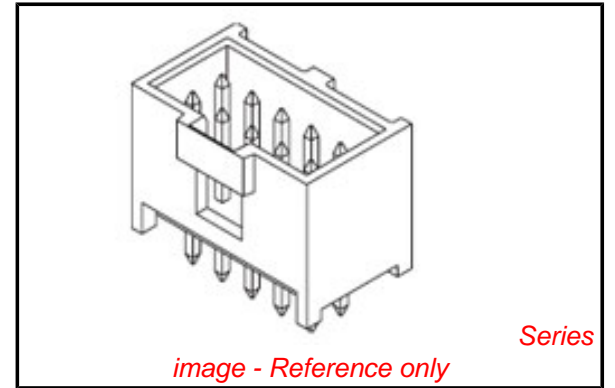


image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series

[90130Series](#)

Mates With

[90142 C-Grid III™ Crimp Housing](#)

Solder Process Data

| | |
|--|------------------------|
| Duration at Max. Process Temperature (seconds) | 3 |
| Lead-free Process Capability | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature | 1 |
| Process Temperature max. C | 235 |

Material Info**Reference - Drawing Numbers**

| | |
|-----------------------|---------------|
| Product Specification | PS-99020-0001 |
| Sales Drawing | SDA-90130 |

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