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Part Number: [90130-1230](#)
Status: **Active**
Overview: C-Grid III™
Description: 2.54mm Pitch C-Grid III™ Header, Dual Row, Vertical, Shrouded, Fully Loaded, 30 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™ |

Physical

| | |
|--------------------------------|-----------------|
| Breakaway | No |
| Circuits (Loaded) | 30 |
| Circuits (maximum) | 30 |
| 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 |
| Number of Rows | 2 |
| 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 |
| 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 |

Solder Process Data

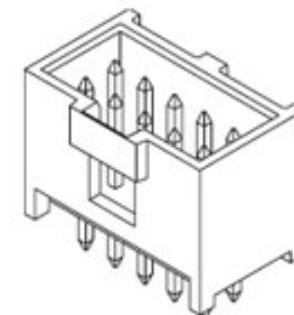


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Not Reviewed
Low-Halogen Status
Not Reviewed

China RoHS



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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](#)

| | |
|--|------------------------|
| 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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