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Part Number:

0901303234

Status:

Active

Overview:

C-Grid III Interconnects

Description:

C-Grid III Header, Dual Row, Right-Angle, Shrouded, Fully Loaded, 34 Circuits, Black 0.38µm Gold (Au) Selective Plating

Documents:

- 3D Model

Packaging Specification PK-90130-001-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-91814-005-001 (PDF)
- Product Specification PS-99020-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification 901190001-AS-000 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

90130

Application

Signal, Wire-to-Board

Overview

C-Grid III Interconnects

Product Name

C-Grid III

Taxonomy

PCB Headers and Receptacles

UPC

800753704336

Physical

Breakaway

No

Circuits (Loaded)

34

Circuits (maximum)

34

Color - Resin

Black

Durability (mating cycles max)

100

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

Yes

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Polyester

Net Weight

4.302/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

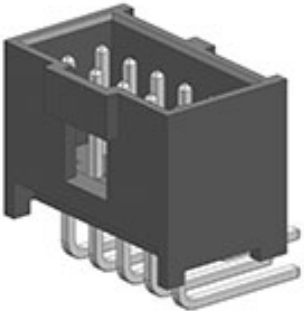
No

Shrouded

Closed Ends

Stackable

No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

90130 Series

Mates With

C-Grid III Crimp Housing 90142 , 90143

|                                                |                                    |
|------------------------------------------------|------------------------------------|
| Surface Mount Compatible (SMC)                 | No                                 |
| Temperature Range - Operating                  | -55° to +125°C                     |
| Termination Interface: Style                   | Through Hole                       |
| <b>Electrical</b>                              |                                    |
| Current - Maximum per Contact                  | 3.0A                               |
| Voltage - Maximum                              | 350V AC/DC                         |
| <b>Solder Process Data</b>                     |                                    |
| Duration at Max. Process Temperature (seconds) | 003                                |
| Lead-freeProcess Capability                    | WAVE                               |
| Max. Cycles at Max. Process Temperature        | 001                                |
| Process Temperature max. C                     | 235                                |
| <b>Material Info</b>                           |                                    |
| <b>Reference - Drawing Numbers</b>             |                                    |
| Application Specification                      | 901190001-AS-000                   |
| Packaging Specification                        | PK-90130-001-001, PK-91814-005-001 |
| Product Specification                          | PS-99020-0001-001                  |
| Sales Drawing                                  | SDA-90130-001                      |

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