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Part Number: [0901303206](#)
Status: **Active**
Overview: C-Grid III™
Description: C-Grid III™ Header, Dual Row, Right Angle, Shrouded, Fully Loaded, 6 Circuits, Black 0.38µm Gold (Au) Selective Plating

Documents:

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

Agency Certification

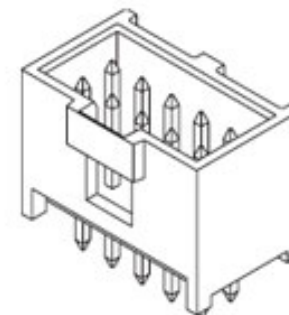
CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series 90130
 Application Signal, Wire-to-Board
 Overview C-Grid III™
 Product Name C-Grid III™
 UPC 800753705036

Physical

Breakaway No
 Circuits (Loaded) 6
 Circuits (maximum) 6
 Color - Resin Black
 Durability (mating cycles max) 100
 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 Yes
 Material - Metal Brass
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 1.000/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/79/2015 (17
 December 2015)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

China RoHS

Green Image

Not Relevant

Search Parts in this Series

90130 Series

Mates With

90142 C-Grid III™ Crimp Housing

Electrical

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

Solder Process Data

| | |
|--|------|
| Duration at Max. Process Temperature (seconds) | 003 |
| Lead-freeProcess Capability | WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 235 |

Material Info**Reference - Drawing Numbers**

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

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