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Part Number: [90130-1106](#)
Status: **Active**
Overview: C-Grid III™
Description: C-Grid III™ Header, Dual Row, Vertical, Shrouded, Fully Loaded, 6 Circuits, Black, 3µm Tin (Sn) over Nickel (Ni)

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

Agency Certification

UL E29179

General

Product Family PCB Headers
Series [90130](#)
Application Signal, Wire-to-Board
Overview C-Grid III™
Product Name C-Grid III™
UPC 800753700390

Physical

Breakaway No
Circuits (Loaded) 6
Circuits (maximum) 6
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 Yes
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Polyester
Net Weight 0.894/g
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 3.048µm
Plating min - Termination 3.048µm
Polarized to Mating Part Yes
Polarized to PCB No
Shrouded Closed Ends
Stackable No
Temperature Range - Operating -55°C to +125°C
Termination Interface: Style Through Hole

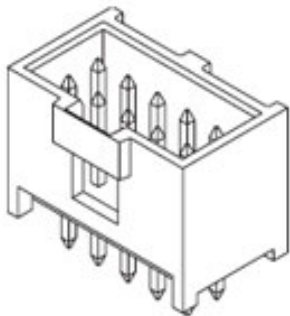


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Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
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](#)

Electrical

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

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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