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Part Number: [0901303250](#)
Status: **Active**
Overview: [C-Grid III Interconnects](#)
Description: 2.54mm Pitch C-Grid III Header, Dual Row, Right Angle, Shrouded, Fully Loaded, 50 Circuits, Black 0.38µm Gold (Au) Selective Plating

Documents:

[3D Model](#) [Packaging Specification PK-91814-005 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-99020-0001-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [90130](#)
 Application Signal, Wire-to-Board
 Data Load Status Collected FY08-Verified FY08
 Doc Info - Component A-90130E_Z, SDA-90130_W
 Made From 0901151006, 0901151010, 0901152006A, 0901152010A, 0901300050
 Overview [C-Grid III Interconnects](#)
 Product Name C-Grid III
 UPC 800753703902

Physical

Breakaway No
 Circuits (Loaded) 50
 Circuits (maximum) 50
 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 5.722/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
 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
REACH SVHC

Not Contained Per
 -ED/01/2018 (15
 January 2018)

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 Not Relevant
 ELV Not Relevant
 RoHS Phthalates Not Contained

Search Parts in this Series

[90130](#) Series

Mates With

[90142](#) C-Grid III Crimp Housing

| | |
|--------------------------------|-----------------|
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -55°C to +125°C |
| Temperature Range NonOperating | -55°C to +125°C |
| Termination Interface: Style | Through Hole |

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**

| | |
|-------------------------|-------------------|
| Packaging Specification | PK-91814-005 |
| Product Specification | PS-99020-0001-001 |
| Sales Drawing | SDA-90130 |

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