

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0901200960

Status:

Active

Overview:

cgrid_iii

Description:

2.54mm (.100") Pitch C-Grid III™ Header, Single Row, Vertical, 40 Circuits, 0.76μm (30μ") Gold (Au) Selective Plating

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

PCB Headers

Series

90120

Application

Signal, Wire-to-Board

Overview

cgrid_iii

Product Name

C-Grid III™

Physical

Breakaway

Yes

Circuits (Loaded)

40

Circuits (maximum)

40

Color - Resin

Black

First Mate / Last Break

No

Glow-Wire Compliant

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

None

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Polyester

Number of Rows

1

Orientation

Vertical

PC Tail Length

2.90mm (.114")

PCB Locator

No

PCB Retention

None

Packaging Type

Tray

Pitch - Mating Interface

2.54mm (.100")

Pitch - Termination Interface

2.54mm (.100")

Plating min - Mating

0.762μm (30μ")

Polarized to Mating Part

No

Polarized to PCB

No

Shrouded

No

Stackable

No

Temperature Range - Operating

-55°C to +125°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

3A

Voltage - Maximum

350V

Solder Process Data

Duration at Max. Process Temperature (seconds)

5

Lead-free Process Capability

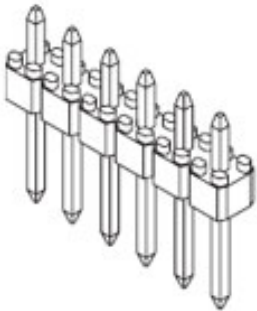
Wave Capable (TH only)

Max. Cycles at Max. Process Temperature

1

Process Temperature max. C

260



Series

image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

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

90120Series

Mates With

90147 C-Grid® PC Board Connector, 90123 C-Grid III™ Modular Crimp Housing

Material Info

Reference - Drawing Numbers

Sales Drawing

SDA-90120

This document was generated on 10/17/2011

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[90120-0960](#)