

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

90147-1230

Status:

Active

Overview:

C-Grid® Products

Description:

C-Grid® PC Board Connector, Single Row, Vertical, 30 Circuits, Gold (Au) Plating

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

90147

Application

Board-to-Board, Signal

Overview

C-Grid® Products

Product Name

C-Grid®

UPC

800753673120

Physical

Circuits (Loaded)

30

Circuits (maximum)

30

Color - Resin

Black

Durability (mating cycles max)

100

Flammability

94V-0

Glow-Wire Compliant

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

No

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Polyester

Net Weight

2.548/g

Number of Rows

1

Orientation

Vertical

PC Tail Length

2.90mm

PCB Locator

No

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm

Packaging Type

Tube

Pitch - Mating Interface

2.54mm

Pitch - Termination Interface

2.54mm

Plating min - Mating

0.381µm

Plating min - Termination

3.048µm

Polarized to PCB

No

Temperature Range - Operating

-55°C to +125°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

3A

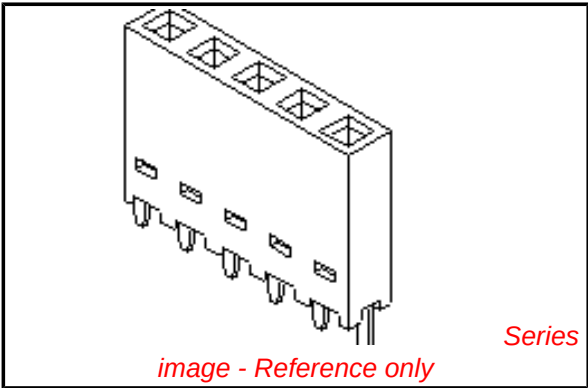
Grounding to PCB

No

Voltage - Maximum

350V

Material Info



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen



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

90147Series

Mates With

90120 , 90121

Use With

90120 , 90121

Reference - Drawing Numbers

Sales Drawing

SDA-90147

This document was generated on 08/12/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

Molex:

90147-1230