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Part Number:

0901481312

Status:

Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid III PC Board Connector, Single Row, Right-Angle, 0.80µm Gold (Au) Selective, 12 Circuits

Documents:

- 3D Model

Application Specification 901190001-AS-000 (PDF)
- Drawing (PDF)

Packaging Specification PK-90148-0001-001 (PDF)
- Product Specification PS-99020-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification 713080001-AS-000 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

90148

Application

Board-to-Board, Signal

Component Type

PCB Receptacle

Overview

C-Grid Connector Products

Product Name

C-Grid III

Taxonomy

PCB Headers and Receptacles

UPC

800753676596

Physical

Circuits (Loaded)

12

Circuits (maximum)

12

Color - Resin

Black

Durability (mating cycles max)

500

Flammability

94V-0

Glow-Wire Capable

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

1.273/g

Number of Rows

1

Orientation

Right Angle

PC Tail Length

2.90mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Tube

Pitch - Mating Interface

2.54mm

Pitch - Termination Interface

2.54mm

Plating min - Mating

0.762µm

Plating min - Termination

3.048µm

Polarized to Mating Part

Yes

Polarized to PCB

No

Stackable

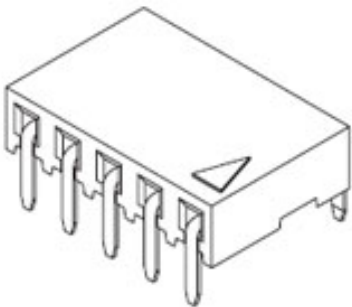
No

Temperature Range - Operating

-55° to +125°C

Termination Interface: Style

Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

90148 Series

Mates With

C-Grid III Vertical Header [90120](#) . C-Grid III
Right-Angle Header [90121](#)

Electrical

Current - Maximum per Contact	3.0A
Grounding to PCB	No
Voltage - Maximum	350V AC/DC

Solder Process Data

Lead-freeProcess Capability	WAVE
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Material Info

Reference - Drawing Numbers

Application Specification	713080001-AS-000, 901190001-AS-000
Packaging Specification	PK-90148-0001-001
Product Specification	PS-99020-0001-001
Sales Drawing	SDA-90148-001

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