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Part Number:

0901471115

Status:

Active

Overview:

C-Grid Connector Products

Description:

C-Grid PC Board Connector, Single Row, Vertical, 15 Circuits, Tin (Sn) Plating

Documents:

Drawing (PDF)

3D Model (PDF)

3D Model

Product Specification PS-99020-0001-001 (PDF)

Application Specification 713080001-AS-000 (PDF)

Application Specification 901190001-AS-000 (PDF)

Packaging Specification PK-90147-001-002 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Overview

Product Name

UPC

PCB Receptacles

90147

Board-to-Board, Signal

C-Grid Connector Products

C-Grid

800753675902

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

15

15

Black

30

94V-0

No

No

None

No

Phosphor Bronze

Tin

Tin

Polyester

1.293/g

1

Vertical

2.90mm

No

Yes

2.40mm

Tube

2.54mm

2.54mm

1.016µm

1.016µm

No

No

N/A

-55° to +105°C

Through Hole

Electrical

Current - Maximum per Contact

3.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

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

90147 Series

Mates With

90120 , 90121

Use With

90120 , 90121

|                                                |          |
|------------------------------------------------|----------|
| Grounding to PCB                               | No       |
| Voltage - Maximum                              | 350V     |
| <b>Solder Process Data</b>                     |          |
| Duration at Max. Process Temperature (seconds) | 010      |
| Lead-freeProcess Capability                    | SMC&WAVE |
| Max. Cycles at Max. Process Temperature        | 001      |
| Process Temperature max. C                     | 260      |

**Material Info**

**Reference - Drawing Numbers**

|                           |                                    |
|---------------------------|------------------------------------|
| Application Specification | 713080001-AS-000, 901190001-AS-000 |
| Packaging Specification   | PK-90147-001-002                   |
| Product Specification     | PS-99020-0001-001                  |
| Sales Drawing             | SDA-90147-001                      |

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