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Part Number:

0901471103

Status:

Active

Overview:

Description:

C-Grid III PC Board Connector, Single Row, Vertical, 3 Circuits, Tin (Sn) Plating

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

90147

Application

Board-to-Board, Signal

Overview

cgrid_sl_products

Product Name

C-Grid III

Taxonomy

PCB Headers and Receptacles

UPC

800753676886

Physical

Circuits (Loaded)

3

Circuits (maximum)

3

Color - Resin

Black

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

Tin

Material - Plating Termination

Tin

Material - Resin

Polyester

Net Weight

1.206/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

1.016µm

Plating min - Termination

1.016µm

Polarized to PCB

No

Surface Mount Compatible (SMC)

N/A

Temperature Range - Operating

-55° to +105°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

3.0A

Grounding to PCB

No

Voltage - Maximum

350V

Solder Process Data

Lead-freeProcess Capability

WAVE

Material Info

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

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

Use With

[90120](#) , [90121](#)

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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