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Part Number: [0901471102](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: C-Grid PC Board Connector, Single Row, Vertical, 2 Circuits, Tin (Sn) Plating

Documents:

[3D Model](#) [Product Specification PS-99020-0001-001 \(PDF\)](#)
[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 Connector Products](#)
 Product Name C-Grid
 UPC 800753676824

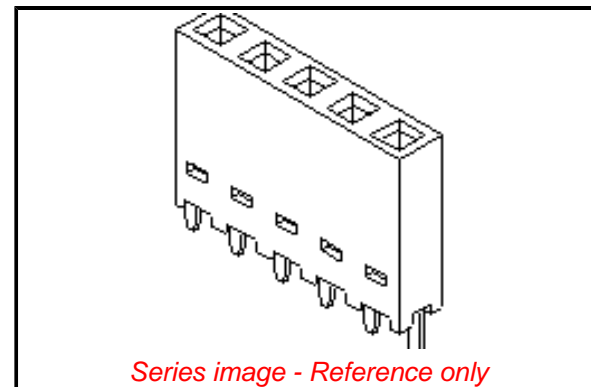
Physical

Circuits (Loaded) 2
 Circuits (maximum) 2
 Color - Resin Black
 Durability (mating cycles max) 30
 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 0.170g
 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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/88/2018 (15
 January 2019)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[90147 Series](#)

Mates With

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

Use With

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

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	230

Material Info

Reference - Drawing Numbers

Product Specification	PS-99020-0001-001
Sales Drawing	SDA-90147, SDA-90147-001

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