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Part Number: [0901471305](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: C-Grid PC Board Connector, Single Row, Vertical, 5 Circuits, Gold (Au) Plating

Documents:

[3D Model](#) [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 800753673007

Physical

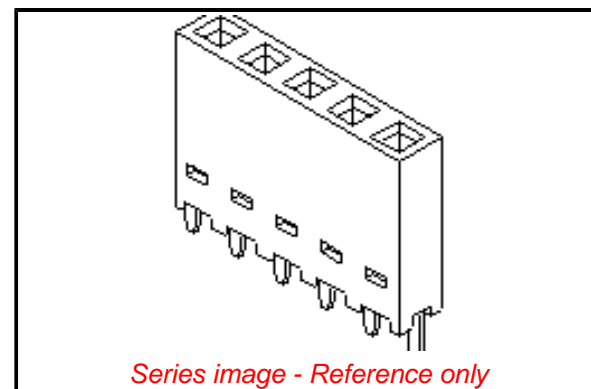
Circuits (Loaded) 5
 Circuits (maximum) 5
 Color - Resin Black
 Durability (mating cycles max) 500
 Flammability 94V-0
 Glow-Wire Capable No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part No
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 0.431/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 0.762µm
 Plating min - Termination 3.048µm
 Polarized to PCB No
 Temperature Range - Operating -55° to +125°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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/61/2018 (27 June
 2018)

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](#)

Material Info

Reference - Drawing Numbers

Sales Drawing

SDA-90147

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