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Part Number: [0901471307](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: C-Grid PC Board Connector, Single Row, Vertical, 7 Circuits, Gold (Au) Plating

Documents:
[3D Model](#) [Product Specification PS-99020-0001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

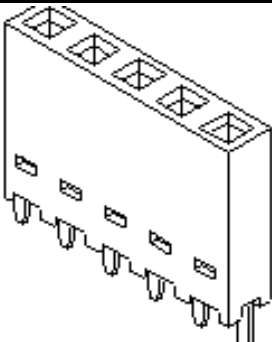
Agency Certification
CSA LR19980
UL E29179

General
Product Family PCB Receptacles
Series [90147](#)
Application Board-to-Board, Signal
Overview [C-Grid Connector Products](#)
Product Name C-Grid
UPC 800753672864

Physical
Circuits (Loaded) 7
Circuits (maximum) 7
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 0.600/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
Not Reviewed
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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series
[90147 Series](#)

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

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

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-99020-0001-001
SDA-90147-001

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