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Part Number: [0901471206](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: C-Grid PC Board Connector, Single Row, Vertical, 6 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 800753674493

Physical

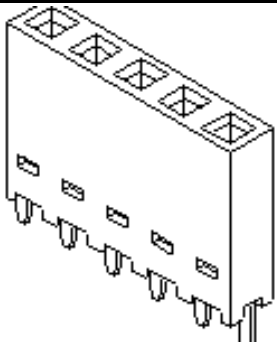
Circuits (Loaded) 6
Circuits (maximum) 6
Color - Resin Black
Durability (mating cycles max) 100
Flammability 94V-0
Glow-Wire Capable No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part No
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Polyester
Net Weight 0.516/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 0.381µm
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

Duration at Max. Process Temperature (seconds) 005



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

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](#)

Lead-free	Process 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-90147-001

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