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Part Number: [0901471120](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: C-Grid PC Board Connector, Single Row, Vertical, 20 Circuits, Tin (Sn) Plating

Documents:

3D Model	Application Specification 713080001-AS-000 (PDF)
Drawing (PDF)	Application Specification 901190001-AS-000 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-99020-0001-001 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

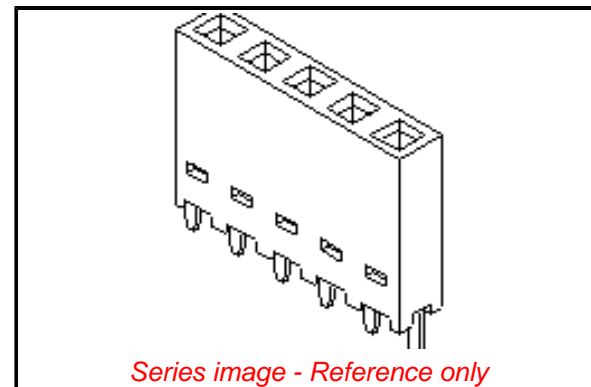
Product Family	PCB Receptacles
Series	90147
Application	Board-to-Board, Signal
Overview	C-Grid Connector Products
Product Name	C-Grid
UPC	800753675698

Physical

Circuits (Loaded)	20
Circuits (maximum)	20
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	1.721/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
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
Stackable	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
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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

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](#)

Grounding to PCB
Voltage - Maximum

No
350V

Solder Process Data

Lead-freeProcess Capability

WAVE

Material Info

Reference - Drawing Numbers

Application Specification

713080001-AS-000, 901190001-AS-000

Product Specification

PS-99020-0001-001

Sales Drawing

SDA-90147-001

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