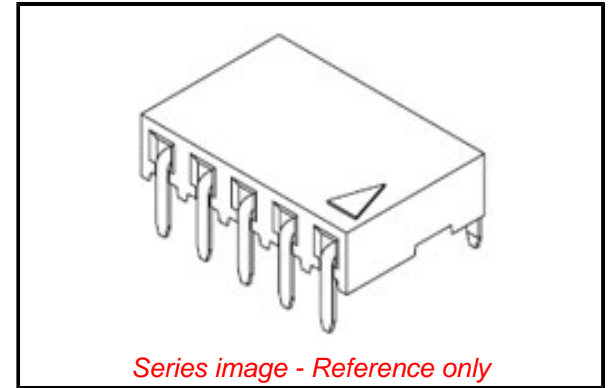


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Part Number: [0901481312](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: 2.54mm Pitch C-Grid III PC Board Connector, Single Row, Right-Angle, 0.80µm Gold (Au) Selective, 12 Circuits

Documents:

3D Model	Application Specification 901190001-AS-000 (PDF)
Drawing (PDF)	Packaging Specification PK-90148-0001-001 (PDF)
Product Specification PS-99020-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 713080001-AS-000 (PDF)	



Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Receptacles
Series	90148
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Overview	C-Grid Connector Products
Product Name	C-Grid III
Taxonomy	PCB Headers and Receptacles
UPC	800753676596

Physical

Circuits (Loaded)	12
Circuits (maximum)	12
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	1.273/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	None
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 Mating Part	Yes
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-55° to +125°C
Termination Interface: Style	Through Hole

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

[90148](#) Series

Mates With

C-Grid III Vertical Header [90120](#) . C-Grid III
Right-Angle Header [90121](#)

Electrical

Current - Maximum per Contact 3.0A
Grounding to PCB No
Voltage - Maximum 350V AC/DC

Solder Process Data

Lead-freeProcess Capability WAVE

Material Info**Reference - Drawing Numbers**

Application Specification 713080001-AS-000, 901190001-AS-000
Packaging Specification PK-90148-0001-001
Product Specification PS-99020-0001-001
Sales Drawing SDA-90148-001

This document was generated on 01/05/2023

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