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Part Number: [0901481205](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: 2.54mm Pitch C-Grid PC Board Connector, Single Row, Right-Angle, 0.38µm Gold (Au) Selective, 5 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-99020-0001-001 \(PDF\)](#)
[Packaging Specification PK-90148-0001-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

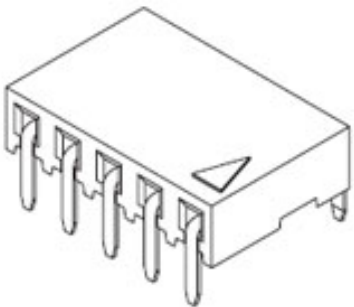
General

Product Family PCB Receptacles
Series [90148](#)
Application Board-to-Board, Signal
Overview [C-Grid Connector Products](#)
Product Name C-Grid
UPC 800753534049

Physical

Circuits (Loaded) 5
Circuits (maximum) 5
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 0.529/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 0.381µm
Plating min - Termination 3.048µm
Polarized to Mating Part Yes
Polarized to PCB No
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -55° to +125°C
Termination Interface: Style Through Hole

Electrical



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

[90148 Series](#)

Mates With

C-Grid III Header [90120](#) , [90121](#)

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	
Packaging Specification	PK-90148-0001-001
Product Specification	PS-99020-0001-001
Sales Drawing	SDA-90148-001

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