

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0901481120](#)
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid PC Board Connector, Single Row, Right-Angle, 1.00µm Tin (Sn), 20 Circuits

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

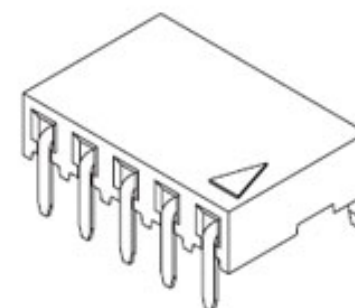
General

Product Family PCB Receptacles
 Series [90148](#)
 Application Board-to-Board, Signal
 Overview [C-Grid Connector Products](#)
 Product Name C-Grid
 UPC 800753530843

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 2.185/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 1.016µm
 Plating min - Termination 1.016µm
 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
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	Not Relevant
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

Material Info

Reference - Drawing Numbers

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

This document was generated on 09/23/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

[90148-1122](#) [90148-1314](#) [90148-1318](#) [90148-1322](#) [90148-1116](#) [90148-3301](#) [90148-1332](#) [90148-1120](#) [90148-1330](#) [90148-1325](#) [90148-1125](#) [90148-1309](#) [90148-1115](#) [90148-1302](#)