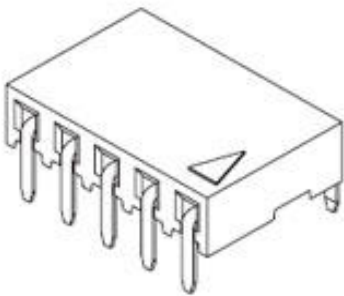




Part Number : [901481302](#)
Product Description : C-Grid III PCB Receptacle,
2.54mm Pitch, Single Row, Right-Angle, Shrouded, 2
Circuits, 0.76µm Gold (Au) Plating
Series Number : 90148
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

- [901481302_sd.pdf](#)
- [PK-90148-0001-001.pdf](#)
- [901481302_stp.zip](#)
- [Symbol and Footprint \(Multi-Format\)](#)

Specifications

- [713080001-AS-000.pdf](#)
- [901190001-AS-000.pdf](#)
- [PS-99020-0001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC

- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	90148
Description	C-Grid III PCB Receptacle, 2.54mm Pitch, Single Row, Right-Angle, Shrouded, 2 Circuits, 0.76µm Gold (Au) Plating
Application	Board-to-Board
Component Type	PCB Receptacle
Product Name	C-Grid III
UPC	800753531345

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	350V AC / 350V DC

Physical

Breakaway	No
Circuits (Loaded)	2

Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	500
First Mate / Last Break	No
Gender	Female
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Mounting Style	Through Hole
Net Weight	0.221/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tube
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.60mm
PC Tail Length	2.90mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.762µm
Plating min - Termination	3.000µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Shrouded
Stackable	No
Temperature Range - Operating	-55° to +125°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
C-Grid III Vertical Single Row Headers	<u>90120</u>
C-Grid III Right-Angle Single Row Headers	<u>90121</u>

This document was generated on Jun 07, 2026