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Part Number: [0901481305](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch C-Grid® PC Board Connector, Single Row, Right Angle, 1.0µm (40µ") Tin (Sn), 5 Circuits

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

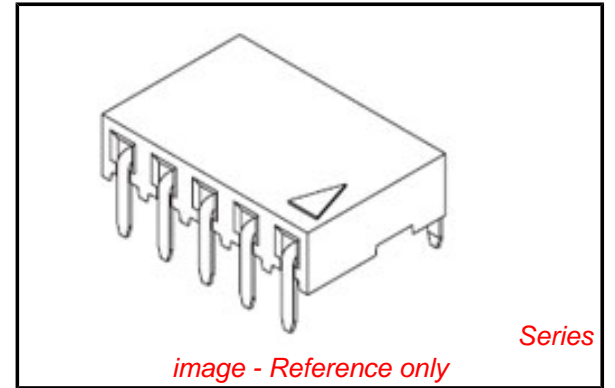
Product Family PCB Receptacles
 Series [90148](#)
 Application Board-to-Board, Signal
 Overview [cgrid_sl_products](#)
 Product Name C-Grid III™

Physical

Circuits (Loaded) 5
 Circuits (maximum) 5
 Color - Resin Black
 Durability (mating cycles max) 500
 Flammability 94V-0
 Glow-Wire Compliant 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
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 2.90mm (.114")
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm (.063")
 Packaging Type Tube
 Pitch - Mating Interface 2.54mm (.100")
 Pitch - Termination Interface 2.54mm (.100")
 Plating min - Mating 0.762µm (30µ")
 Plating min - Termination 3.048µm (120µ")
 Polarized to Mating Part Yes
 Polarized to PCB No
 Stackable No
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -55°C to +125°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3A
 Grounding to PCB No



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[90148Series](#)

Mates With

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

Voltage - Maximum

350V AC/DC

Solder Process Data

Lead-free Process Capability

Wave Capable (TH only)

Material Info

Reference - Drawing Numbers

Sales Drawing

SDA-90148

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