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Part Number: [0901522140](#)
Status: **Active**
Overview: C-Grid® Products
Description: 2.54mm Pitch C-Grid III™ PC Board Connector, Dual Row, Right Angle, Straight PCB Pins 1.00µm Tin (Sn), 40 Circuits

Documents:

[3D Model](#) [Packaging Specification PK-90152-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980

General

Product Family PCB Receptacles
 Series [90152](#)
 Application Board-to-Board, Signal
 Overview [C-Grid® Products](#)
 Product Name C-Grid III™
 UPC 800753674042

Physical

Circuits (Loaded) 40
 Circuits (maximum) 40
 Color - Resin Black
 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 Tin
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 4.396/g
 Number of Rows 2
 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 PCB No
 Temperature Range - Operating -55°C to +125°C
 Termination Interface: Style Through Hole

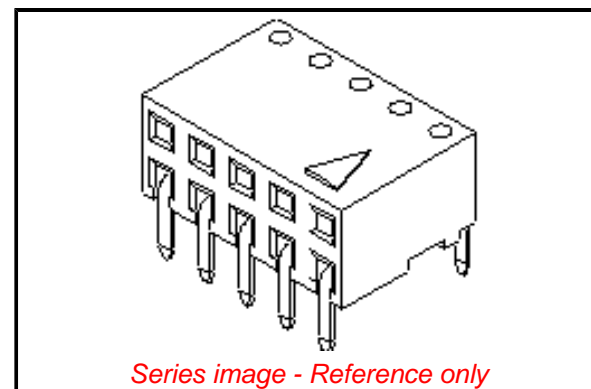
Electrical

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

Solder Process Data

Lead-free Process Capability WAVE

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS Green Image
 ELV Not Relevant
 RoHS Phthalates Not Contained

Search Parts in this Series

[90152](#) Series

Mates With

[90122](#) , [90131](#)

Reference - Drawing Numbers

Packaging Specification

Sales Drawing

PK-90152-001

SDA-90152

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