

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0901522208](#)  
**Status:** **Active**  
**Overview:** [C-Grid Connector Products](#)  
**Description:** 2.54mm Pitch C-Grid III PC Board Connector, Dual Row, Right-Angle, Straight PCB Pins 0.38µm Gold (Au) Selective, 8 Circuits

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-90152-001-001 \(PDF\)](#)  
[Product Specification PS-99020-0001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification 901190001-AS-000 \(PDF\)](#)

**Agency Certification**

CSA LR19980

**General**

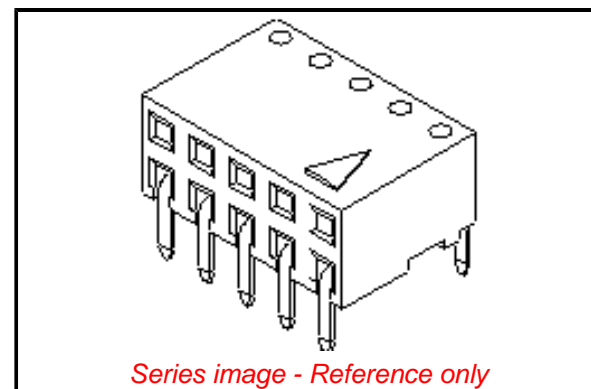
Product Family PCB Receptacles  
 Series [90152](#)  
 Application Board-to-Board, Signal  
 Overview [C-Grid Connector Products](#)  
 Product Name C-Grid III  
 UPC 800753673373

**Physical**

Circuits (Loaded) 8  
 Circuits (maximum) 8  
 Color - Resin Black  
 Durability (mating cycles max) 100  
 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 0.819/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 0.381µm  
 Plating min - Termination 3.048µm  
 Polarized to Mating Part Yes  
 Polarized to PCB No  
 Stackable Yes  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -55° to +125°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 3.0A  
 Grounding to PCB No



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2021)4569-DC (8  
 July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[90152 Series](#)

**Mates With**

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

Voltage - Maximum 350V AC/DC

**Solder Process Data**

Lead-free Process Capability WAVE

**Material Info**

**Reference - Drawing Numbers**

Application Specification 901190001-AS-000  
Packaging Specification PK-90152-001-001  
Product Specification PS-99020-0001-001  
Sales Drawing SDA-90152-001

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