

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

**Part Number:** [0901512116](#)  
**Status:** **Active**  
**Overview:** [C-Grid® Products](#)  
**Description:** C-Grid III™ PC Board Connector, Dual Row, Vertical, 16 Circuits, Tin (Sn) Plating

**Documents:**

[3D Model](#) [Packaging Specification PK-90151-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Receptacles  
 Series [90151](#)  
 Application Board-to-Board, Signal  
 Overview [C-Grid® Products](#)  
 Product Name C-Grid®  
 UPC 800753671751

**Physical**

Circuits (Loaded) 16  
 Circuits (maximum) 16  
 Color - Resin Black  
 Flammability 94HB  
 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 1.384/g  
 Number of Rows 2  
 Orientation Vertical  
 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

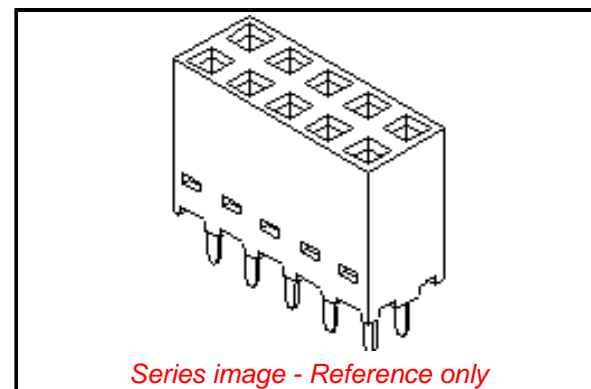
**Electrical**

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

**Solder Process Data**

Lead-freeProcess Capability WAVE

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
 ED/21/2016 (20 June  
 2016)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
 environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[90151 Series](#)

**Mates With**

0.64mm square pins

**Reference - Drawing Numbers**

Packaging Specification

Sales Drawing

PK-90151-001

SD-90151-001, SDA-90151

This document was generated on 12/09/2016

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**