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Part Number: [0901512110](#)
Status: **Active**
Overview: [C-Grid® Products](#)
Description: C-Grid III™ PC Board Connector, Dual Row, Vertical, 10 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 800753672291

Physical

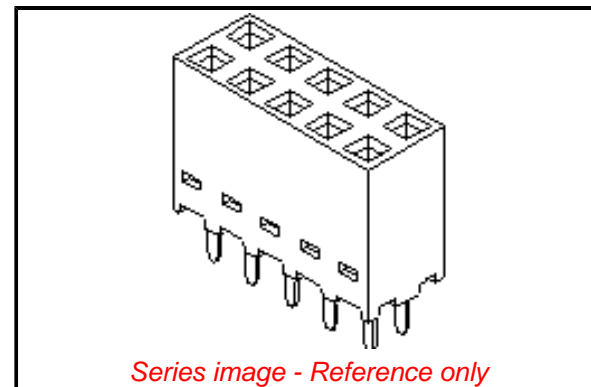
Circuits (Loaded) 10
 Circuits (maximum) 10
 Color - Resin Black
 Flammability 94HB
 Glow-Wire Compliant No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part No
 Material - Metal Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 0.867/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

Duration at Max. Process Temperature (seconds) 002
 Lead-freeProcess Capability WAVE
 Max. Cycles at Max. Process Temperature 001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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

[90151 Series](#)

Mates With

0.64mm square pins

Process Temperature max. C

235

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-90151-001

Sales Drawing

SD-90151-001, SDA-90151

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