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**Part Number:** [0901522116](#)  
**Status:** **Active**  
**Overview:** [C-Grid Connector Products](#)  
**Description:** 2.54mm Pitch C-Grid III PC Board Connector, Dual Row, Right-Angle, Straight PCB Pins 1.00µm Tin (Sn), 16 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 901190001-AS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-90152-001-001 (PDF)</a>
<a href="#">Product Specification PS-99020-0001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA LR19980

**General**

Product Family	PCB Receptacles
Series	<a href="#">90152</a>
Application	Board-to-Board, Signal
Overview	<a href="#">C-Grid Connector Products</a>
Product Name	C-Grid III
UPC	800753674820

**Physical**

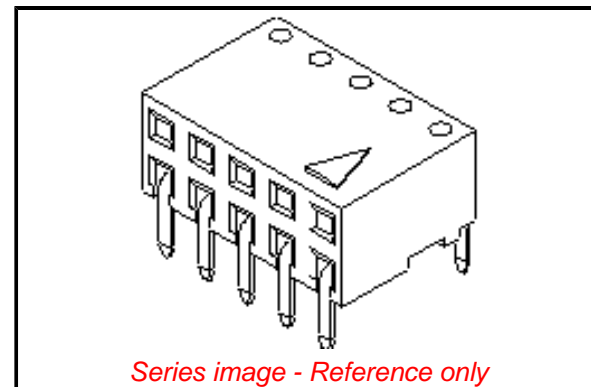
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	1.760/g
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° 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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**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](#)

**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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