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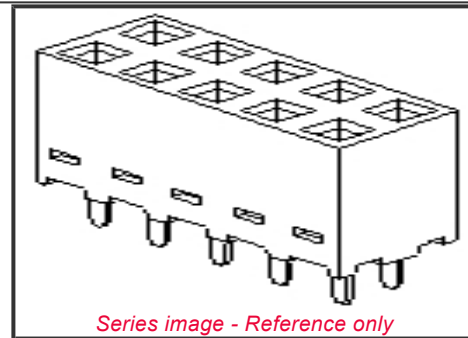
**Part Number:**  
**0901512210**

**Status:**  
**Active**

**Overview:**  
**C-Grid® / SL™ Products**

**Description:**  
2.54mm (.100") Pitch C-Grid III™ PC Board Connector, Dual Row, Vertical, 10 Circuits

**Documents:** *Note - Please disable browser pop-up blockers for documents on www.molex.com*  
[Drawing \(PDF\)](#)      [3D Model](#)



**EU RoHS**  
ELV and RoHS  
Compliant



**REACH SVHC**  
Contains SVHC: No

**Halogen-Free**  
**Status**  
Not Halogen-Free

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

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**Mates With**

0.64mm (.025") square pins

[Datasheet \(PDF\)](#)

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**General**

Product Family	PCB Receptacles
Series	<a href="#">90151</a>
Application	Board-to-Board
Overview	<a href="#">C-Grid® / SL™ Products</a>
Product Name	C-Grid III™

**Physical**

Circuits (Loaded)	10
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	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.114 In
PC Tail Length (mm)	2.90 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (µin)	15.2
Plating min: Mating (µm)	0.38
Plating min: Termination (µin)	120
Plating min: Termination (µm)	3
Polarized to PCB	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole

**Electrical**(Please review the Product Specification for specific details.)

Current - Maximum per Contact	3A
Grounding to PCB	No
Voltage - Maximum	350V

**Solder Process Data**

Lead-free Process Capability	Wave Capable (TH only)
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**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SDA-90151
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