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**Part Number:** [0901512230](#)  
**Status:** **Active**  
**Overview:** [cgrid\\_sl\\_products](#)  
**Description:** 2.54mm (.100") Pitch C-Grid III™ PC Board Connector, Dual Row, Vertical, 30 Circuits

**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**General**

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

**Physical**

Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Durability (mating cycles max)	500
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	2.60mm (.102")
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	0.80mm (.031"), 1.70mm (.067")
Packaging Type	Tube
Pitch - Mating Interface	2.54mm (.100")
Pitch - Termination Interface	2.54mm (.100")
Plating min - Mating	0.381µm (15µ")
Plating min - Termination	3.048µm (120µ")
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole

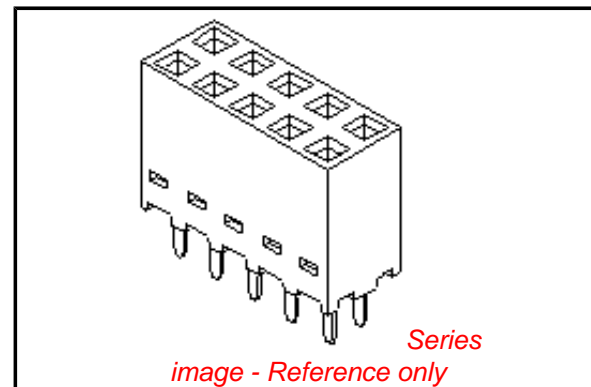
**Electrical**

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

**Solder Process Data**

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



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[90151Series](#)

**Mates With**

0.64mm (.025") square pins

**Reference - Drawing Numbers**

Sales Drawing

SDA-90151

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