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Part Number: **0901220145**
Status: **Contact Molex**
Overview: cgrid_iii
Description: 2.54mm (.100") Pitch C-Grid III™ Header, Dual Row, Right Angle, 50 Circuits, 4µm (160µ") Tin (Sn) over Nickel (Ni)

Documents:

[3D Model](#) [Product Specification PS-99020-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	<u>90122</u>
Application	Signal, Wire-to-Board
Overview	<u>cgrid_iii</u>
Product Name	C-Grid III™

Physical

Breakaway	Yes
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	2
Orientation	Right Angle
PC Tail Length	2.90mm (.114")
PCB Locator	No
PCB Retention	None
Packaging Type	Bag
Pitch - Mating Interface	2.54mm (.100")
Pitch - Termination Interface	2.54mm (.100")
Plating min - Mating	3.048µm (120µ")
Plating min - Termination	3.048µm (120µ")
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole

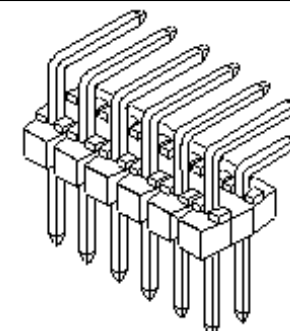
Electrical

Current - Maximum per Contact	3A
Voltage - Maximum	350V

Solder Process Data

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



*Series
image - Reference only*

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
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

[90122Series](#)

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-99020-0001
SDA-90122

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