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Part Number: [90152-2240](#)
Status: **Active**
Overview: [C-Grid® Products](#)
Description: 2.54mm Pitch C-Grid III™ PC Board Connector, Dual Row, Right Angle, Straight PCB Pins 0.38µm Gold (Au) Selective, 40 Circuits

Documents:

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

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

General

Product Family	PCB Receptacles
Series	90152
Application	Board-to-Board, Signal
Overview	C-Grid® Products
Product Name	C-Grid III™
UPC	800753672550

Physical

Circuits (Loaded)	40
Circuits (maximum)	40
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
Net Weight	4.077/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	0.381µm
Plating min - Termination	3.048µm
Polarized to PCB	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole

Electrical

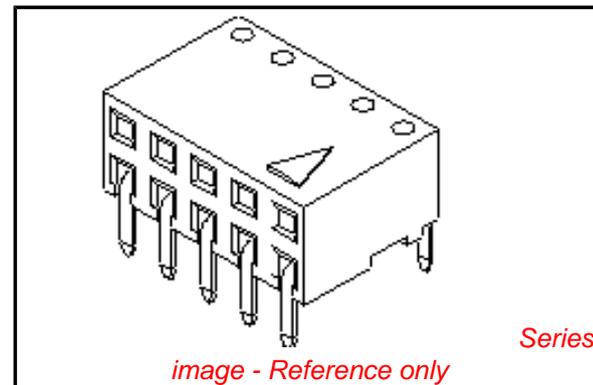
Current - Maximum per Contact	3A
Grounding to PCB	No
Voltage - Maximum	350V

Solder Process Data

Lead-free Process Capability Wave Capable (TH only)

Material Info

Reference - Drawing Numbers



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

[90152Series](#)

Mates With

[90122](#) , [90131](#)

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