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Part Number: [0901512310](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch C-Grid III™ PC Board Connector, Dual Row, Vertical, 10 Circuits

Documents:
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

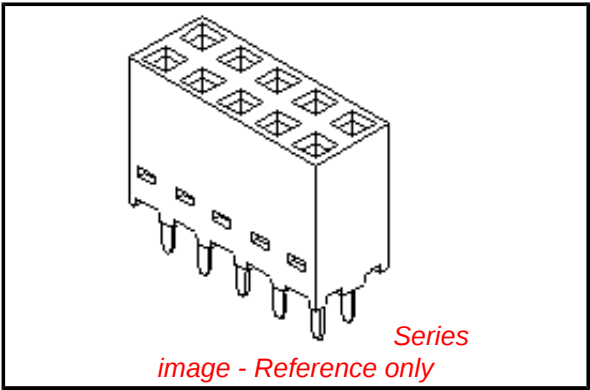
Agency Certification
UL E29179

General
Product Family PCB Receptacles
Series [90151](#)
Application Board-to-Board, Signal
Overview [cgrid_sl_products](#)
Product Name C-Grid III™

Physical
Circuits (Loaded) 10
Color - Resin Black
Flammability 94HB
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 2.90mm (.114")
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.60mm (.063")
Packaging Type Tube
Pitch - Mating Interface 2.54mm (.100")
Pitch - Termination Interface 2.54mm (.100")
Plating min - Mating 0.762µm (30µ")
Plating min - Termination 3.048µm (120µ")
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
Duration at Max. Process Temperature (seconds) 5
Lead-free Process Capability Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 230



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
[90151Series](#)

Mates With
0.64mm (.025") square pins

Material Info

Reference - Drawing Numbers

Sales Drawing

SDA-90151

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