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Part Number: 0901512220
Status: Active
Overview: C-Grid® Products
Description: C-Grid III™ PC Board Connector, Dual Row, Vertical, 20 Circuits, Gold (Au) Plating

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Packaging Specification PK-90151-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

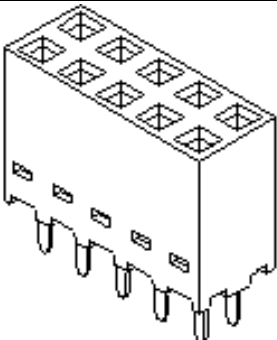
Agency Certification
UL E29179

General
Product Family PCB Receptacles
Series 90151
Application Board-to-Board, Signal
Overview C-Grid® Products
Product Name C-Grid®
UPC 800753758230

Physical
Circuits (Loaded) 20
Circuits (maximum) 20
Color - Resin Black
Durability (mating cycles max) 100
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
Net Weight 1.709/g
Number of Rows 2
Orientation Vertical
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 3.0A
Grounding to PCB No
Voltage - Maximum 350V

Solder Process Data
Lead-freeProcess Capability WAVE



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per
-ED/01/2017 (12
January 2017)
Halogen-Free
Status
Not Low-Halogen
**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series
90151 Series

Mates With
0.64mm square pins

Material Info

Reference - Drawing Numbers

Packaging Specification

Sales Drawing

PK-90151-001

SD-90151-001, SDA-90151

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