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Part Number: [0901512110](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: C-Grid III PC Board Connector, Dual Row, Vertical, 10 Circuits, Tin (Sn) Plating

Documents:

3D Model	Application Specification 713080001-AS-000 (PDF)
Drawing (PDF)	Application Specification 901190001-AS-000 (PDF)
3D Model (PDF)	Packaging Specification PK-90151-001-001 (PDF)
Product Specification PS-99020-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

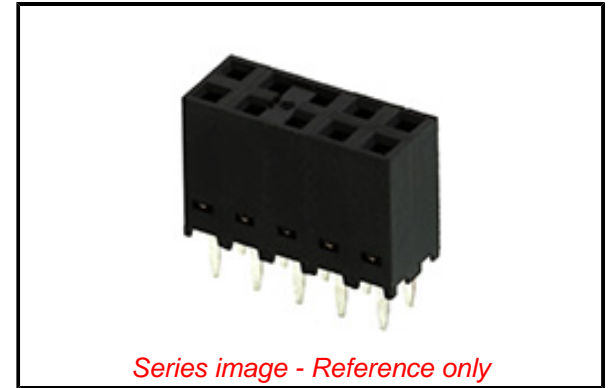
Product Family	PCB Receptacles
Series	90151
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Overview	C-Grid Connector Products
Product Name	C-Grid
Taxonomy	PCB Headers and Receptacles
UPC	800753672291

Physical

Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Flammability	94HB
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	0.867/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	1.016µm
Plating min - Termination	1.016µm
Polarized to PCB	No
Temperature Range - Operating	-55° to +125°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	3.0A
Grounding to PCB	No
Voltage - Maximum	350V



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[90151 Series](#)

Mates With

C-Grid III Right-Angle PCB Header [90122](#) .
C-Grid III Vertical PCB Header [90131](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	002
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info**Reference - Drawing Numbers**

Application Specification	713080001-AS-000, 901190001-AS-000
Packaging Specification	PK-90151-001-001
Product Specification	PS-99020-0001-001
Sales Drawing	SDA-90151-001

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