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Part Number: [0901310800](#)
Status: **Active**
Overview: [C-Grid III Interconnects](#)
Description: 2.54mm Pitch C-Grid III Header, Dual Row, Vertical, 80 Circuits, 0.38µm Gold (Au)
Selective Plating

Documents:

3D Model	Application Specification 901190001-AS-000 (PDF)
3D Model (PDF)	Packaging Specification PK-90131-0001-000 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-99020-0001-001 (PDF)	

Agency Certification

CSA LR19980

General

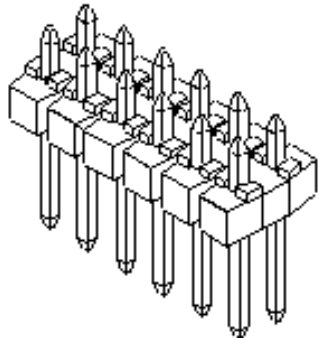
Product Family	PCB Headers
Series	90131
Application	Signal, Wire-to-Board
Overview	C-Grid III Interconnects
Product Name	C-Grid III
Taxonomy	PCB Headers and Receptacles
UPC	800753759336

Physical

Breakaway	Yes
Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	4.939/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	None
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	Yes
Temperature Range - Operating	-55° to +125°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	3.0A
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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[90131](#) Series

Mates With

C-Grid III Vertical PCB Receptacle [90151](#)
. C-Grid III Right-Angle PCB Receptacle
[90152](#) . C-Grid III Crimp Housing [90142](#) . C-
Grid III Modular Crimp Housing [90143](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	230

Material Info

Reference - Drawing Numbers

Application Specification	901190001-AS-000
Packaging Specification	PK-90131-0001-000
Product Specification	PS-99020-0001-001
Sales Drawing	SD-90131-001-001

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