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Part Number: [0901512106](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: C-Grid III PC Board Connector, Dual Row, Vertical, 6 Circuits, Tin (Sn) Plating

Documents:

| | |
|---|--|
| 3D Model | Application Specification 713080001-AS-000 (PDF) |
| 3D Model (PDF) | Application Specification 901190001-AS-000 (PDF) |
| Drawing (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

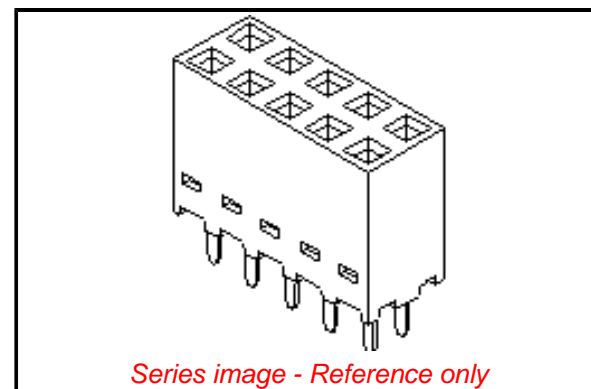
| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 90151 |
| Application | Board-to-Board, Signal |
| Overview | C-Grid Connector Products |
| Product Name | C-Grid |
| UPC | 800753672154 |

Physical

| | |
|--------------------------------|-----------------|
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| 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 | 0.513/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PC Tail Length | 2.90mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 0.80mm, 1.70mm |
| 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 |
| Stackable | Yes |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -55° to +125°C |
| Termination Interface: Style | Through Hole |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Grounding to PCB | No |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

0.64mm square pins

Voltage - Maximum 350V

Solder Process Data

Lead-free Process Capability WAVE

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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