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**Part Number:** **0901471218**  
**Status:** **Active**  
**Overview:** C-Grid Connector Products  
**Description:** C-Grid PC Board Connector, Single Row, Vertical, 18 Circuits, Gold (Au) Plating

**Documents:**

[3D Model](#) [Application Specification 713080001-AS-000 \(PDF\)](#)  
[Drawing \(PDF\)](#) [Application Specification 901190001-AS-000 \(PDF\)](#)  
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-99020-0001-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

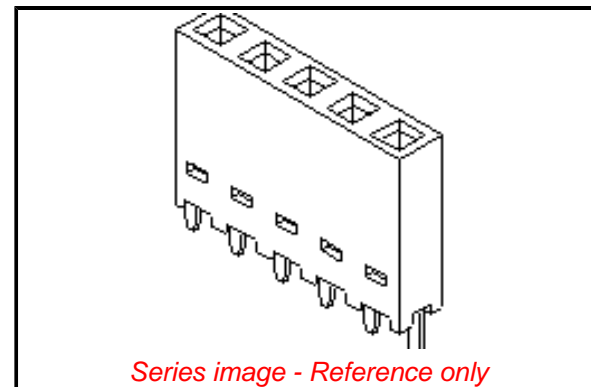
Product Family PCB Receptacles  
 Series 90147  
 Application Board-to-Board, Signal  
 Overview C-Grid Connector Products  
 Product Name C-Grid  
 UPC 800753673755

**Physical**

Circuits (Loaded) 18  
 Circuits (maximum) 18  
 Color - Resin Black  
 Durability (mating cycles max) 100  
 Flammability 94V-0  
 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 Gold  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 1.522/g  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 2.90mm  
 PCB Locator No  
 PCB Retention Yes  
 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° 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 -  
 ED/71/2019 (16 July  
 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS	Not Relevant
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

90147 Series

**Mates With**

90120 , 90121

**Use With**

90120 , 90121

**Material Info**

**Reference - Drawing Numbers**

Application Specification

Product Specification

Sales Drawing

713080001-AS-000, 901190001-AS-000

PS-99020-0001-001

SDA-90147-001

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