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**Part Number:** **0901471215**  
**Status:** **Active**  
**Overview:** C-Grid Connector Products  
**Description:** C-Grid PC Board Connector, Single Row, Vertical, 15 Circuits, Gold (Au) Plating

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 713080001-AS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification 901190001-AS-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-99020-0001-001 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

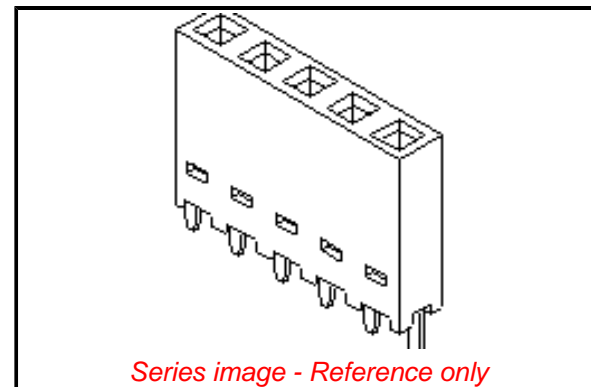
Product Family	PCB Receptacles
Series	90147
Application	Board-to-Board, Signal
Overview	C-Grid Connector Products
Product Name	C-Grid
UPC	800753673946

**Physical**

Circuits (Loaded)	15
Circuits (maximum)	15
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	1.278/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
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
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +125°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	3.0A
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**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

Grounding to PCB  
Voltage - Maximum

No  
350V AC/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification  
Product Specification  
Sales Drawing

713080001-AS-000, 901190001-AS-000  
PS-99020-0001-001  
SDA-90147-001

This document was generated on 05/22/2020

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