

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0879140415](#)  
**Status:** **Active**  
**Overview:** C-Grid Connector Products  
**Description:** 2.54mm Pitch C-Grid Header, Through Hole, Dual Row, Vertical, 0.75µm Gold (Au) Plating, 4 Circuits, Tray Packaging, Lead-Free

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-89990-489-001 (PDF)</a>
<a href="#">Product Specification PS-87920-019-001 (PDF)</a>	<a href="#">Test Summary 879200000-TS-000 (PDF)</a>
<a href="#">Application Specification 713080001-AS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

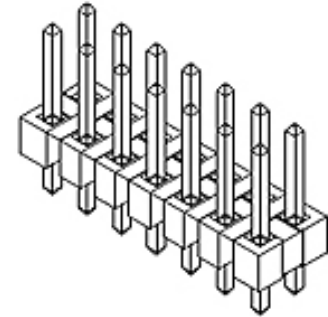
UL E29179

**General**

Product Family	PCB Headers
Series	87914
Application	Board-to-Board, Signal, Wire-to-Board
Overview	<a href="#">C-Grid Connector Products</a>
Product Name	C-Grid
UPC	822350571234

**Physical**

Breakaway	Yes
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	5.84mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.203/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.79mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.762µm
Plating min - Termination	1.905µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**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**

[87914 Series](#)

**Mates With**

[7859 Shunts](#), [71850 C-Grid PCB Receptacles](#), [70450 SL IDT Housing](#)

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

3.0A  
250V

**Material Info****Reference - Drawing Numbers**

Application Specification  
Packaging Specification  
Product Specification  
Sales Drawing  
Test Summary

713080001-AS-000  
PK-89990-489-001  
PS-87920-019-001  
SD-87914-013-000  
879200000-TS-000

This document was generated on 07/16/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**