

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0879140615](#)
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Header, Through Hole, Dual Row, Vertical, 0.75µm Gold (Au) Plating, 6 Circuits, Tray Packaging, Lead-Free

Documents:

| | |
|--|--|
| Drawing (PDF) | Packaging Specification PK-89990-489-001 (PDF) |
| Product Specification PS-87920-019-001 (PDF) | Test Summary 879200000-TS-000 (PDF) |
| Application Specification 713080001-AS-000 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

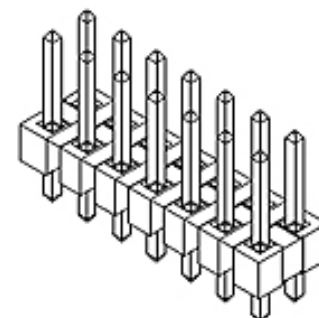
UL E29179

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 87914 |
| Application | Board-to-Board, Signal, Wire-to-Board |
| Overview | C-Grid Connector Products |
| Product Name | C-Grid |
| UPC | 822350771566 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | Yes |
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| 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 | 0.305/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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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 | 3.0A |
| Voltage - Maximum | 250V |

Solder Process Data

| | |
|--|------|
| Duration at Max. Process Temperature (seconds) | 010 |
| Lead-free Process Capability | WAVE |
| Max. Cycles at Max. Process Temperature | 003 |
| Process Temperature max. C | 260 |

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|------------------|
| Application Specification | 713080001-AS-000 |
| Packaging Specification | PK-89990-489-001 |
| Product Specification | PS-87920-019-001 |
| Sales Drawing | SD-87914-013-000 |
| Test Summary | 879200000-TS-000 |

This document was generated on 09/04/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION