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**Part Number:** [0879147606](#)  
**Status:** **Active**  
**Overview:** [C-Grid Connector Products](#)  
**Description:** 2.54mm Pitch C-Grid Header, Through Hole, Dual Row, Vertical, 2.54µm Tin (Sn)  
Overall Plating, 76 Circuits, Bag Packaging, Lead-Free

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-89990-489-001 \(PDF\)](#)  
[Product Specification PS-87920-019-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification 713080001-AS-000 \(PDF\)](#)

**General**

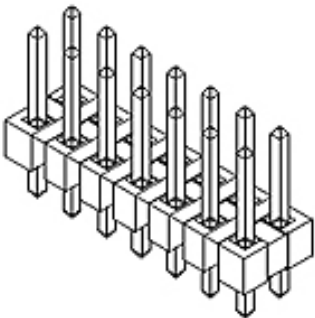
Product Family PCB Headers  
Series [87914](#)  
Application Board-to-Board, Signal, Wire-to-Board  
Overview [C-Grid Connector Products](#)  
Product Name C-Grid  
UPC 800756749082

**Physical**

Breakaway Yes  
Circuits (Loaded) 76  
Circuits (maximum) 76  
Color - Resin Black  
First Mate / Last Break No  
Glow-Wire Capable No  
Guide to Mating Part No  
Keying to Mating Part None  
Lock to Mating Part None  
Mated Height 6.10mm  
Material - Metal Copper Alloy  
Material - Plating Mating Tin  
Material - Plating Termination Nickel  
Material - Resin High Temperature Thermoplastic  
Net Weight 4.303/g  
Number of Rows 2  
Orientation Vertical  
PC Tail Length 2.72mm  
PCB Locator No  
PCB Retention None  
PCB Thickness - Recommended 1.60mm  
Packaging Type Bag  
Pitch - Mating Interface 2.54mm  
Pitch - Termination Interface 2.54mm  
Plating min - Mating 2.540µm  
Plating min - Termination 1.270µm  
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

**Electrical**

Current - Maximum per Contact 3.0A  
Voltage - Maximum 250V



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**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      | Green Image   |
| 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

**Solder Process Data**

|                                                |      |
|------------------------------------------------|------|
| Duration at Max. Process Temperature (seconds) | 010  |
| Lead-freeProcess 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 |

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