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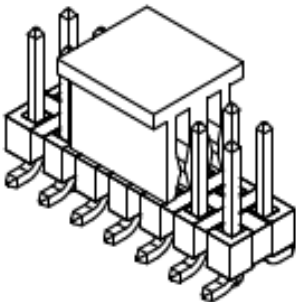
**Part Number:** [0879208115](#)  
**Status:** **Active**  
**Overview:** [C-Grid Connector Products](#)  
**Description:** 2.54mm Pitch C-Grid Header, Surface Mount, Dual Row, Vertical, 14 Circuits, 0.38µm Gold (Au) Plating, with Pick-and-Place Cap, with Peg, Tape and Reel Packaging, Lead-Free

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-87920-019-001 \(PDF\)](#)  
[Packaging Specification PK-89990-479-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**General**  
Product Family PCB Headers  
Series [87920](#)  
Application Board-to-Board, Signal, Wire-to-Board  
Overview [C-Grid Connector Products](#)  
Product Name C-Grid  
UPC 822350944403

**Physical**  
Breakaway Yes  
Circuits (Loaded) 14  
Circuits (maximum) 14  
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 Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 1.050/g  
Number of Rows 2  
Orientation Vertical  
PCB Locator Yes  
PCB Retention None  
PCB Thickness - Recommended 1.60mm  
Packaging Type Embossed Tape on Reel  
Pitch - Mating Interface 2.54mm  
Pitch - Termination Interface 2.54mm  
Plating min - Mating 0.381µm  
Plating min - Termination 2.032µm  
Polarized to Mating Part No  
Polarized to PCB No  
Robotic Placement Pick and Place Cap  
Shrouded No  
Stackable No  
Temperature Range - Operating -55° to +105°C  
Termination Interface: Style Surface Mount

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



Series image - Reference only

**EU ELV**  
**Not Relevant**

| <b>EU RoHS</b>                                                | <b>China RoHS</b> |
|---------------------------------------------------------------|-------------------|
| <b>Compliant</b>                                              |                   |
| <b>REACH SVHC</b>                                             |                   |
| Not Contained Per - ED/61/2018 (27 June 2018)                 |                   |
| <b>Halogen-Free</b>                                           |                   |
| <b>Status</b>                                                 |                   |
| <b>Low-Halogen</b>                                            |                   |
| For more information, please visit <a href="#">Contact US</a> |                   |
| China ROHS                                                    | Green Image       |
| ELV                                                           | Not Relevant      |
| RoHS Phthalates                                               | Not Contained     |

**Search Parts in this Series**  
[87920](#) 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                    | REFLOW |
| Max. Cycles at Max. Process Temperature        | 003    |
| Process Temperature max. C                     | 260    |

**Material Info**

**Reference - Drawing Numbers**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | PK-89990-479-001 |
| Product Specification   | PS-87920-019-001 |
| Sales Drawing           | SD-87920-020-001 |

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