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**Part Number:** [0878980466](#)  
**Status:** **Active**  
**Overview:** C-Grid® Products  
**Description:** C-Grid® / SL™ Header, Surface Mount, Breakaway, Vertical, 4 Circuits, Tin (Sn)  
 Overall Plating, Tube Packaging, without Cap, Lead-Free

**Documents:**

|                               |  |
|-------------------------------|--|
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-87920-019 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

**Agency Certification**

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

**General**

|                |                                       |
|----------------|---------------------------------------|
| Product Family | PCB Headers                           |
| Series         | <a href="#">87898</a>                 |
| Application    | Board-to-Board, Signal, Wire-to-Board |
| Overview       | <a href="#">C-Grid® Products</a>      |
| Product Name   | C-Grid®, SL™                          |
| UPC            | 884982235441                          |

**Physical**

|                                |                 |
|--------------------------------|-----------------|
| Breakaway                      | Yes             |
| Circuits (Loaded)              | 4               |
| Circuits (maximum)             | 4               |
| Color - Resin                  | Black           |
| First Mate / Last Break        | No              |
| Flammability                   | 94V-0           |
| Glow-Wire Compliant            | No              |
| Guide to Mating Part           | No              |
| Keying to Mating Part          | None            |
| Lock to Mating Part            | None            |
| Material - Metal               | Copper Alloy    |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |
| Material - Resin               | Nylon           |
| Net Weight                     | 0.263/g         |
| Number of Rows                 | 1               |
| Orientation                    | Vertical        |
| PCB Locator                    | No              |
| PCB Retention                  | None            |
| Packaging Type                 | Tube            |
| Pitch - Mating Interface       | 2.54mm          |
| Pitch - Termination Interface  | 2.54mm          |
| Polarized to Mating Part       | No              |
| Polarized to PCB               | No              |
| Shrouded                       | No              |
| Stackable                      | No              |
| Temperature Range - Operating  | -55°C to +105°C |
| Termination Interface: Style   | Surface Mount   |

**Electrical**

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

**Solder Process Data**

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

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014  
December 17): No

**Halogen-Free**

**Status**

**Low-Halogen**

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environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

**Search Parts in this Series**

[87898 Series](#)

**Mates With**

[4455 KK® PCB Receptacles,](#)

|   |     |
|---|-----|
| Max. Cycles at Max. Process Temperature | 003 |
| Process Temperature max. C              | 260 |

**Material Info**

**Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-87920-019 |
| Sales Drawing         | SD-87898-003 |

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