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**Part Number:** [87898-0666](#)  
**Status:** **Active**  
**Overview:** C-Grid® Products  
**Description:** 2.54mm Pitch C-Grid® / SL™ Header, Surface Mount, Breakaway, Vertical, 6 Circuits, 2.50µm Tin (Sn) Plating, Tube Packaging, without Cap, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-87920-019 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
 Series [87898](#)  
 Application Board-to-Board, Signal, Wire-to-Board  
 Overview [C-Grid® Products](#)  
 Product Name C-Grid®, SL™  
 UPC 884982255524

**Physical**

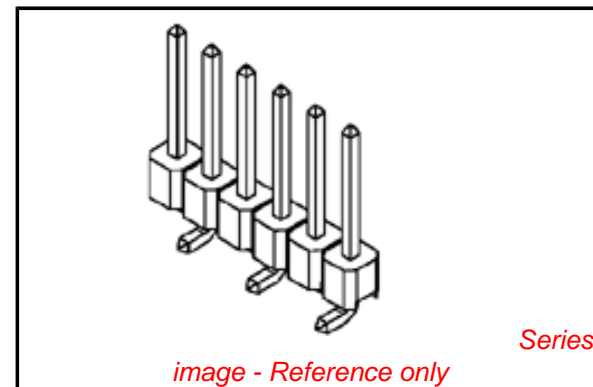
Breakaway Yes  
 Circuits (Loaded) 6  
 Circuits (maximum) 6  
 Color - Resin Black  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part None  
 Material - Metal Copper Alloy  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 0.277/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 3A  
 Voltage - Maximum 250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 10



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[87898Series](#)

**Mates With**

[4455 KK® PCB Receptacles,](#)

Lead-free Process Capability  
Max. Cycles at Max. Process Temperature  
Process Temperature max. C

Reflow Capable (SMT only)  
3  
260

**Material Info**

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-87920-019  
SD-87898-003

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