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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
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**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**

**Need more information on product 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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