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**Part Number:** [0878980306](#)  
**Status:** **Active**  
**Overview:** C-Grid Connector Products  
**Description:** C-Grid / SL Header, Surface Mount, Breakaway, Vertical, 3 Circuits, Tin (Sn) Overall Plating, Tray Packaging, without Cap, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification PK-89990-489-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-87920-019-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [87898](#)  
 Application Board-to-Board, Signal, Wire-to-Board  
 Overview [C-Grid Connector Products](#)  
 Product Name C-Grid, SL  
 UPC 822350922647

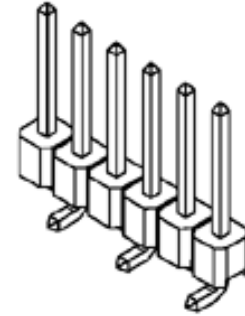
**Physical**

Breakaway Yes  
 Circuits (Loaded) 3  
 Circuits (maximum) 3  
 Color - Resin Black  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Capable 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 0.167/g  
 Number of Rows 1  
 Orientation Vertical  
 PCB Locator No  
 PCB Retention None  
 Packaging Type Tray  
 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° to +105°C  
 Termination Interface: Style Surface Mount

**Electrical**

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

**Solder Process Data**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/61/2018 (27 June  
 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[87898](#) Series

**Mates With**

[4455](#) KK PCB Receptacles, [70430](#) SL IDT Housings, [7720](#) KK IDT Housings, [70400](#) KK IDT Housings, [90147](#) , [90148](#) C-Grid PCB Receptacles

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-89990-489-001
Product Specification	PS-87920-019-001
Sales Drawing	SD-87898-001-000

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