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**Part Number:** [0878980424](#)  
**Status:** **Active**  
**Overview:** C-Grid® Products  
**Description:** C-Grid® / SL™ Header, Surface Mount, Breakaway, Vertical, 4 Circuits, 0.38µm Gold (Au) Plating, Tube Packaging, without Cap, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification PK-89990-545 \(PDF\)](#)  
[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 884982253964

**Physical**

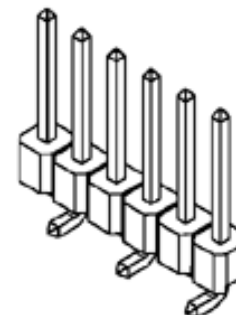
Breakaway Yes  
 Circuits (Loaded) 4  
 Circuits (maximum) 4  
 Color - Resin Black  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part None  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 0.147/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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
 ED/30/2017 (7 July  
 2017)

**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
RoHS Phthalates	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](#)

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-89990-545
Sales Drawing	SD-87898-001-000

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