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Part Number: [0878980866](#)
Status: **Active**
Overview: C-Grid Connector Products
Description: C-Grid / SL Header, Surface Mount, Breakaway, Vertical, 8 Circuits, 2.50µm Tin (Sn) Plating, Tube Packaging, without Cap, Lead-Free

Documents:

| | |
|--|--|
| 3D Model | Packaging Specification PK-89990-545-001 (PDF) |
| Drawing (PDF) | Test Summary 879200000-TS-000 (PDF) |
| 3D Model (PDF) | Test Summary 879200001-TS-000 (PDF) |
| Product Specification PS-87920-019-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification 713080001-AS-000 (PDF) | |

Agency Certification

UL E29179

General

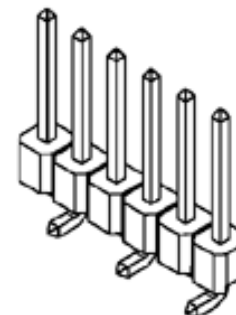
| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 87898 |
| Application | Board-to-Board, Signal, Wire-to-Board |
| Overview | C-Grid Connector Products |
| Product Name | C-Grid, SL |
| UPC | 884982255555 |

Physical

| | |
|--------------------------------|----------------|
| Breakaway | Yes |
| Circuits (Loaded) | 8 |
| Circuits (maximum) | 8 |
| 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 | 0.505/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° to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

Solder Process Data

| | |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 010 |
| Lead-free Process Capability | REFLOW |
| Max. Cycles at Max. Process Temperature | 003 |
| Process Temperature max. C | 260 |

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|------------------------------------|
| Application Specification | 713080001-AS-000 |
| Packaging Specification | PK-89990-545-001 |
| Product Specification | PS-87920-019-001 |
| Sales Drawing | SD-87898-003-001 |
| Test Summary | 879200000-TS-000, 879200001-TS-000 |

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