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Part Number: [0878980554](#)
Status: **Active**
Overview: C-Grid Connector Products
Description: C-Grid / SL Header, Surface Mount, Breakaway, Vertical, 5 Circuits, 0.38µm Gold (Au) Plating, Tape on Reel Packaging, with Cap, Lead-Free

Documents:

3D Model	Packaging Specification PK-89990-486-001 (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

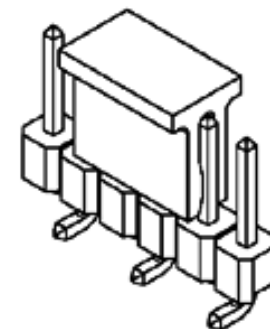
Product Family	PCB Headers
Series	87898
Application	Board-to-Board, Signal, Wire-to-Board
Overview	C-Grid Connector Products
Product Name	C-Grid, SL
UPC	883906508203

Physical

Breakaway	Yes
Circuits (Loaded)	5
Circuits (maximum)	5
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	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	275.315/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Polarized to Mating Part	No
Polarized to PCB	No
Robotic Placement	Pick and Place Cap
Shrouded	No
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact 3.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

Voltage - Maximum 250V

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-89990-486-001
Product Specification PS-87920-019-001
Sales Drawing SD-87898-001-000
Test Summary 879200000-TS-000, 879200001-TS-000

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