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Part Number: [0878981066](#)
Status: **Active**
Overview: C-Grid Connector Products
Description: C-Grid / SL Header, Surface Mount, Breakaway, Vertical, 10 Circuits, 2.54µm Tin (Sn) Plating, Tube Packaging, without Cap, Lead-Free

Documents:

3D Model	Packaging Specification PK-89990-545-001 (PDF)
3D Model (PDF)	Test Summary 879200000-TS-000 (PDF)
Drawing (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

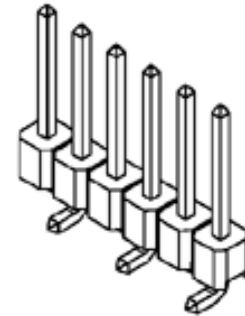
Product Family	PCB Headers
Series	87898
Application	Board-to-Board, Signal, Wire-to-Board
Overview	C-Grid Connector Products
Product Name	C-Grid, SL
UPC	884982255821

Physical

Breakaway	Yes
Circuits (Loaded)	10
Circuits (maximum)	10
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	630.995/mg
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

Not Reviewed

REACH SVHC

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

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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