



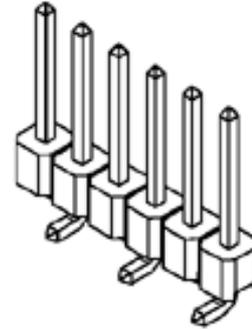
**Part Number :** [878981066](#)

**Product Description :** C-Grid / SL Header, Surface Mount, Breakaway, Vertical, 10 Circuits, 2.54µm Tin (Sn) Plating, Tube Packaging, without Cap, Lead-Free

**Series Number :** 87898

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents & Resources

### Drawings

[Drawing 878981066\\_sd.pdf](#)

[Packaging Design Drawing PK-89990-545-001.pdf](#)

### 3D Models and Design Files

[3D Model 878981066\\_stp.zip](#)

### Specifications

[Application Specification 713080001-AS-000.pdf](#)

[Product Specification PS-87920-019-001.pdf](#)

[Test Summary 879200000-TS-000.pdf](#)

[Test Summary 879200001-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per ED/30/2017 (7 July 2017)
EU RoHS	Not Reviewed per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	87898
Description	C-Grid / SL Header, Surface Mount, Breakaway, Vertical, 10 Circuits, 2.54µm Tin (Sn) Plating, Tube Packaging, without Cap, Lead-Free
Application	Board-to-Board, Signal, Wire-to-Board
Component Type	PCB Header
Product Family	C-Grid and C-Grid III Connector Products
Product Name	C-Grid,SL
UPC	884982255821

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

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

#### 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
Packaging Type	Tube
PCB Locator	No
PCB Retention	None
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

### Solder Process Data

Max-Duration	10
Lead-Free Process Capability	REFLOW
Max-Cycle	3
Max-Temp	260

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### Mates With / Use With

#### Mates with Part(s)

Description	Part Number
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KK 254 PC Board Connector	<u>4455</u>
SL Single Row Female Insulation Displacement Connector Assemblies	<u>70400</u>
SL Single Row Female Receptacles	<u>70430</u>
C-Grid III Vertical Single Row PC Board Connectors	<u>90147</u>
C-Grid III Right-Angle Single Row PC Board Connectors	<u>90148</u>

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This document was generated on Sep 23, 2024