

Part Number: 878980554

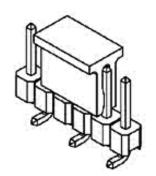
Product Description : C-Grid / SL Header, Surface Mount, Breakaway, Vertical, 5 Circuits, 0.38µm Gold (Au) Plating, Tape on Reel Packaging, with Cap, Lead-

Free

Series Number: 87898

Status: Active

Product Category: PCB Headers and Receptacles



Documents & Resources

Drawings

878980554 sd.pdf

PK-89990-486-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

713080001-AS-000.pdf

PS-87920-019-001.pdf

879200000-TS-000.pdf

879200001-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33; 44; 34
China RoHS	er SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC

	(25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	87898
Description	C-Grid / SL Header, Surface Mount, Breakaway, Vertical, 5 Circuits, 0.38µm Gold (Au) Plating, Tape on Reel Packaging, with Cap, Lead-Free
Application	Board-to-Board, Signal, Wire-to- Board
Component Type	PCB Header
Product Name	C-Grid,SL
UPC	883906508203

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Circuits (Loaded) Circuits (maximum) S Color - Resin Black First Mate / Last Break No Flammability 94V-0 Glow-Wire Capable No Guide to Mating Part None Lock to Mating Part None Material - Metal Copper Alloy Material - Plating Mating Material - Resin Nylon Net Weight Orientation Packaging Type PCB Locator PCB Retention Plating min - Termination Polarized to PCB No Polarized to PCB Polarized to P		
Circuits (maximum) Color - Resin Black First Mate / Last Break Flammability Glow-Wire Capable No Guide to Mating Part None Lock to Mating Part None Material - Metal Material - Plating Mating Material - Resin Number of Rows Orientation PCB Retention Pitch - Mating Interface Plating min - Termination Polarized to PCB No Black No No Black	Breakaway	Yes
Color - Resin Black First Mate / Last Break No Flammability 94V-0 Glow-Wire Capable No Guide to Mating Part None Lock to Mating Part None Material - Metal Copper Alloy Material - Plating Mating Material - Resin Nylon Net Weight 275.315/mg Number of Rows 1 Orientation Vertical PCB Locator No PCB Retention None Plating Interface 2.54mm Polarized to Mating Part No	Circuits (Loaded)	5
First Mate / Last Break Flammability 94V-0 Glow-Wire Capable No Guide to Mating Part None Lock to Mating Part None Material - Metal Material - Plating Mating Material - Resin Nylon Net Weight Packaging Type PCB Locator PCB Retention Plating min - Termination Flammability Square No POlarized to PCB No	Circuits (maximum)	5
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Pitch - Termination Interface 2.54mm Plating min - Termination 2.000µm Polarized to Mating Part No Polarized to PCB No	PCB Retention	None
Plating min - Termination 2.000µm Polarized to Mating Part No Polarized to PCB No	Pitch - Mating Interface	2.54mm
Polarized to Mating Part No Polarized to PCB No	Pitch - Termination Interface	2.54mm
Polarized to PCB No	Plating min - Termination	2.000µm
	Polarized to Mating Part	No
District Discourant District Discourant	Polarized to PCB	No
Robotic Placement Pick and Place Cap	Robotic Placement	Pick and Place Cap
Shrouded No	Shrouded	No
Stackable No	Stackable	No
Temperature Range - Operating -55° to +105°C	Temperature Range - Operating	-55° to +105°C
Termination Interface Style Surface Mount	Termination Interface Style	Surface Mount

Solder Process Data

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

Mates With / Use With

Mates with Part(s)

Description	Part Number
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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