



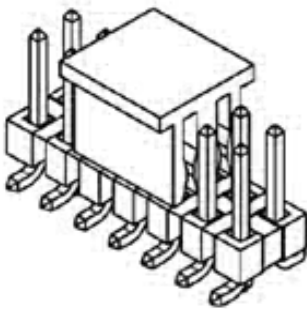
Part Number : [879209115](#)

Product Description : 2.54mm Pitch C-Grid Header, Surface Mount, Dual Row, Vertical, 14 Circuits, 0.38µm Gold (Au) Plating, with Pick-and-Place Cap, without Peg, Tape on Reel Packaging, Lead-Free

Series Number : 87920

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[879209115 sd.pdf](#)

[PK-89990-479-001.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](#)

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

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	 per 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
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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	87920
Description	2.54mm Pitch C-Grid Header, Surface Mount, Dual Row, Vertical, 14 Circuits, 0.38µm Gold (Au) Plating, with Pick-and-Place Cap, without Peg, Tape on Reel Packaging, Lead-Free
Application	Board-to-Board, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	C-Grid
UPC	883906437107

Agency

UL	E29179
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Electrical

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

Physical

Breakaway	Yes
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	6.10mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.712/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	2.032µm
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
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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
SL Dual Row Crimp Housings	<u>70450</u>
C-Grid Vertical, Dual Row, High Profile, Through Hole PCB Receptacles	<u>71850</u>
2.54mm Pitch C-Grid Shunt Terminal Housings	<u>7859</u>