



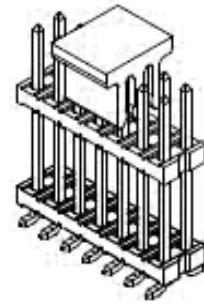
Part Number : [877621655](#)

Product Description : Milli-Grid Header, Dual Row Dual Body, Surface Mount, Vertical, 16 Circuits, 0.05µm Gold (Au) Selective Plating, 5.10mm Stacking Height, with Pick-and-Place Cap, without Peg, Embossed Tape on Reel Packaging, Lead-Free

Series Number : 87762

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[877621655_sd.pdf](#)

[PK-151033-0001-001.pdf](#)

[PK-87858-300-000.pdf](#)

[PK-89990-475-001.pdf](#)

[PK-89990-476-001.pdf](#)

[PK-89990-484-001.pdf](#)

[PK-89990-485-001.pdf](#)

[PK-89990-487-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Specifications

[503940001-AS-000.pdf](#)

[PS-87761-100-001.pdf](#)

[877610000-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	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
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	87762
Description	Milli-Grid Header, Dual Row Dual Body, Surface Mount, Vertical, 16 Circuits, 0.05µm Gold (Au) Selective Plating, 5.10mm Stacking Height, with Pick-and-Place Cap, without Peg, Embossed Tape on Reel Packaging, Lead-Free
Application	Board-to-Board, Signal

Component Type	PCB Header
Product Name	Dual Body,Milli-Grid
UPC	884982967731

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	125V

Physical

Breakaway	Yes
Circuits (Loaded)	16
Circuits (maximum)	16
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
Mated Height	4.90mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	1.282/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm

Plating min - Mating	0.762μm
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

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
Milli-Grid Vertical Through Hole PCB Receptacles	<u>79107</u>
Milli-Grid Vertical Through Hole PCB Receptacles	<u>79108</u>
Milli-Grid Top/Bottom Entry Surface Mount PCB Receptacles	<u>79109</u>
Milli-Grid Top Entry Surface Mount PCB Receptacles	<u>87381</u>