



Part Number : [877610006](#)

Product Description : Milli-Grid Header, Dual Row, Dual Body, Through Hole, Vertical, 4 Circuits, 0.38µm Gold (Au) Selective Plating, 8.18mm Stacking Height, Pocket Tray, Lead-Free

Series Number : 87761

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[877610006 sd.pdf](#)

[PK-87761-001-001.pdf](#)

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

[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	87761
Description	Milli-Grid Header, Dual Row, Dual Body, Through Hole, Vertical, 4 Circuits, 0.38µm Gold (Au) Selective Plating, 8.18mm Stacking Height, Pocket Tray, Lead-Free
Application	Board-to-Board, Signal
Component Type	PCB Header
Product Name	Dual Body,Milli-Grid
UPC	756054581704

Agency

UL	E29179
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Electrical

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

Physical

Breakaway	Yes
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	No
Mated Height	5.46mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.189/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.60mm
PC Tail Length	5.46mm
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.381µm
Plating min - Termination	2.000µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	Unshrouded
Stackable	No

Temperature Range - Operating	-55° to +125°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	WAVE
Max-Cycle	3
Max-Temp	250

Mates With / Use With

Mates with Part(s)

Description	Part Number
Milli-Grid Top/Bottom Entry Surface Mount PCB Receptacles	<u>79109</u>