Part Number : 877620024
Product Description : 2.00mm Pitch Milli-Grid Header, Vertical, Surface Mount, Dual Row Dual Body, 12 Circuits, 0.38µm Gold (Au) Plating, 12.70mm Stacking Height, with Pegs, Tube, Lead-Free
Series Number : 87762
Status : Active
Product Category : PCB Headers and Receptacles

Documents and Resources

Drawings

877620024_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

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 33; 44; 34

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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	2.00mm Pitch Milli-Grid Header, Vertical, Surface Mount, Dual Row Dual Body, 12 Circuits, 0.38µm Gold (Au) Plating, 12.70mm Stacking Height, with Pegs, Tube, Lead-Free
Application	Board-to-Board, Signal
Component Type	PCB Header
Product Name	Dual Body,Milli-Grid
UPC	822348532971

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Agency

UL	E29179

Electrical

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

Physical

Breakaway	Yes
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	100
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	6.65mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.629/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.381µm
Plating min - Termination	2.000µm

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Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	Unshrouded
Stackable	No
Temperature Range - Operating	-55° to +125°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	79107
Milli-Grid Vertical Through Hole PCB Receptacles	79108
Milli-Grid Top/Bottom Entry Surface Mount PCB Receptacles	79109
Milli-Grid Top Entry Surface Mount PCB Receptacles	87381

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