Part Number : 873686100
Product Description : Milli-Grid Receptacle, Surface Mount, Side Entry, 0.38µm Gold (Au) Plating, 12 Circuits, with Pegs, Lead-Free, Tape and Reel
Series Number : 87368
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

873686100_sd.pdf

PK-87368-0001-001.pdf

PK-87368-0002-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

503940001-AS-000.pdf

PS-87264-001.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)

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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	87368
Description	Milli-Grid Receptacle, Surface Mount, Side Entry, 0.38µm Gold (Au) Plating, 12 Circuits, with Pegs, Lead-Free, Tape and Reel
Application	Board-to-Board
Component Type	PCB Receptacle
Product Name	Milli-Grid
UPC	822348478361

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	1.0A

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Voltage - Maximum	125V

Physical

Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Gender	Female
Glow-Wire Capable	No
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.402/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
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	2.540µm
Polarized to Mating Part	No
Polarized to PCB	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	14
Lead-Free Process Capability	REFLOW
Max-Cycle	1

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Max-Temp	265

Mates With / Use With

Mates with Part(s)

Description	Part Number
Milli-Grid Vertical Through Hole Headers	87758
Milli-Grid Vertical Surface Mount Headers	87759
Milli-Grid Right-Angle Through Hole Headers	87760

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