

**Part Number :** [873400696](#)

**Product Description :** 2.00mm Pitch Milli-Grid Receptacle, Surface Mount (Very Low Profile), Top Entry, with Locating Pegs, with Pick-and-Place Cap, 0.38µm Gold (Au) Plating, 6 Circuits, Lead-Free, Embossed Tape on Reel

**Series Number :** 87340

**Status :** Active

**Product Category :** PCB Headers and Receptacles

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## Documents & Resources

### Drawings

[873400696\\_sd.pdf](#)

[PK-87264-0001-001.pdf](#)

[PK-87368-0001-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

### Specifications


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

[PS-87340-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44
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)4165-DC

	(25 June 2025)
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	87340
Description	2.00mm Pitch Milli-Grid Receptacle, Surface Mount (Very Low Profile), Top Entry, with Locating Pegs, with Pick-and-Place Cap, 0.38µm Gold (Au) Plating, 6 Circuits, Lead-Free, Embossed Tape on Reel
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Name	Milli-Grid
UPC	822348893942

### Agency

CSA	LR19980
UL	E29179

## Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	125V

## Physical

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.182/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	None
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to Mating Part	No
Polarized to PCB	No
Robotic Placement	Pick and Place Cap
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

Max-Temp	265
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**Mates With / Use With**

**Mates with Part(s)**

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

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