

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0873402024

Status:

Active

Overview:

Milli-Grid Connector System

Description:

2.00mm Pitch Milli-Grid Receptacle, Surface Mount (Very Low Profile), Top Entry, with Locating Pegs, 0.38µm Gold (Au) Plating, 20 Circuits, Lead-Free, Tube, Black

Documents:

- 3D Model

Packaging Specification PK-87264-0001-001 (PDF)
- Drawing (PDF)

Brochure (PDF)
- Product Specification PS-87340-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification 503940001-AS-000 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

87340

Application

Board-to-Board, Signal

Component Type

PCB Receptacle

Overview

Milli-Grid Connector System

Product Name

Milli-Grid

Taxonomy

PCB Headers and Receptacles

UPC

822348473496

Physical

Circuits (Loaded)

20

Circuits (maximum)

20

Color - Resin

Black

Durability (mating cycles max)

25

Flammability

94V-0

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

0.443/g

Number of Rows

2

Orientation

Vertical

PCB Locator

Yes

PCB Retention

None

Packaging Type

Tube

Pitch - Mating Interface

2.00mm

Plating min - Mating

0.381µm

Plating min - Termination

1.905µm

Polarized to Mating Part

No

Polarized to PCB

No

Surface Mount Compatible (SMC)

N/A

Temperature Range - Operating

-55° to +105°C

Termination Interface: Style

Surface Mount

Electrical

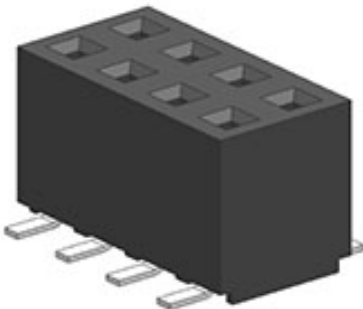
Current - Maximum per Contact

1.0A

Voltage - Maximum

125V

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

87340 Series

Mates With

87759 Vertical, Surface Mount, Stackable  
PCB Headers, 87760 Right Angle, Through  
Hole, Stackable PCB Headers, 87758  
Vertical, Through Hole, Stackable PCB  
Headers

|                                                |        |
|------------------------------------------------|--------|
| Duration at Max. Process Temperature (seconds) | 014    |
| Lead-freeProcess Capability                    | REFLOW |
| Max. Cycles at Max. Process Temperature        | 001    |
| Process Temperature max. C                     | 265    |

**Material Info**

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | 503940001-AS-000  |
| Packaging Specification   | PK-87264-0001-001 |
| Product Specification     | PS-87340-001      |
| Sales Drawing             | SD-87340-XX01-001 |

This document was generated on 01/27/2023

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**