

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0873681624](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid Connector System](#)  
**Description:** [Milli-Grid Receptacle, Surface Mount, Side Entry, 0.38µm Gold \(Au\) Plating, 16 Circuits, Lead-Free](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-87368-0001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-87368-0002-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Brochure (PDF)</a>
<a href="#">Product Specification PS-87264-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification 503940001-AS-000 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">87368</a>
Application	Board-to-Board, Signal
Overview	<a href="#">Milli-Grid Connector System</a>
Product Name	Milli-Grid
Taxonomy	PCB Headers and Receptacles
UPC	822348477975

**Physical**

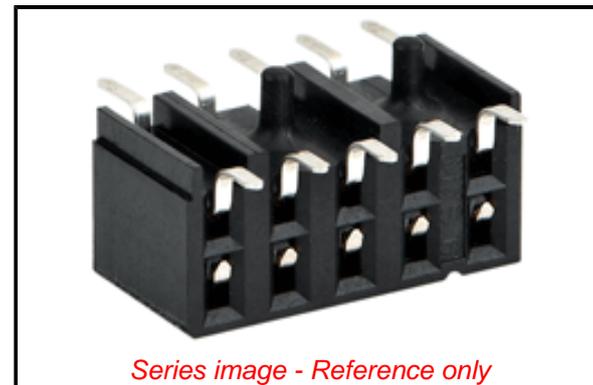
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.531/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Polarized to PCB	Yes
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**

Duration at Max. Process Temperature (seconds)	014
--	-----



*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**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[87368](#) Series

**Mates With**

[87758](#) Vertical Through Hole PCB Headers,  
[87759](#) Vertical Surface Mount PCB Headers,  
[87760](#) Right Angle Through Hole PCB Headers

Lead-free Process Capability  
Max. Cycles at Max. Process Temperature  
Process Temperature max. C

REFLOW  
001  
265

**Material Info**

**Reference - Drawing Numbers**

Application Specification 503940001-AS-000  
Packaging Specification PK-87368-0001-001, PK-87368-0002-001  
Product Specification PS-87264-001  
Sales Drawing SD-87368-XX20-001

This document was generated on 09/26/2022

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