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Part Number: [0873681024](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: [Milli-Grid Receptacle, Surface Mount, Side Entry, 0.38µm Gold \(Au\) Plating, 10 Circuits, Lead-Free](#)

Documents:

| | |
|--|---|
| 3D Model | Packaging Specification PK-87368-0001-001 (PDF) |
| 3D Model (PDF) | Packaging Specification PK-87368-0002-001 (PDF) |
| Drawing (PDF) | Brochure (PDF) |
| Product Specification PS-87264-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification 503940001-AS-000 (PDF) | |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 87368 |
| Application | Board-to-Board, Signal |
| Overview | Milli-Grid Connector System |
| Product Name | Milli-Grid |
| UPC | 822348477852 |

Physical

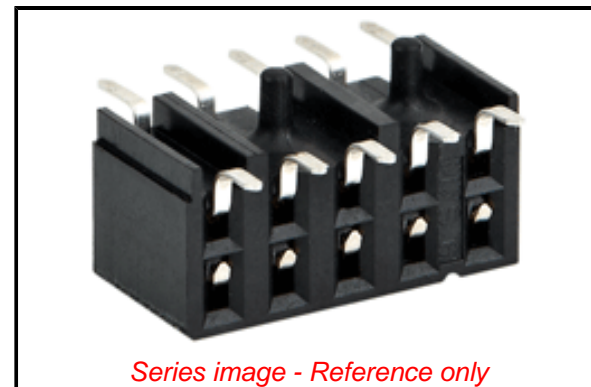
| | |
|--------------------------------|-----------------|
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Lock to Mating Part | None |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 0.335/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) | 010 |
| Lead-freeProcess Capability | REFLOW |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

| | |
|---|-----|
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 260 |

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 |

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