

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

**Part Number:** [0872632023](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid Connector System](#)  
**Description:** 2.00mm Pitch Milli-Grid Receptacle, Surface Mount, Bottom Entry, 0.38µm Gold (Au) Selective, 20 Circuits, without Pick-and-Place Cap, Tube, Lead-Free

**Documents:**

|                                                                  |                                                                 |
|------------------------------------------------------------------|-----------------------------------------------------------------|
| <a href="#">3D Model</a>                                         | <a href="#">Packaging Specification PK-87263-0001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                    | <a href="#">Packaging Specification PK-87263-300-001 (PDF)</a>  |
| <a href="#">Product Specification PS-87263-001 (PDF)</a>         | <a href="#">Brochure (PDF)</a>                                  |
| <a href="#">Application Specification 503940001-AS-000 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |

**Agency Certification**

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

**General**

|                |                                             |
|----------------|---------------------------------------------|
| Product Family | PCB Receptacles                             |
| Series         | <a href="#">87263</a>                       |
| Application    | Board-to-Board, Signal                      |
| Overview       | <a href="#">Milli-Grid Connector System</a> |
| Product Name   | Milli-Grid                                  |
| UPC            | 822348479221                                |

**Physical**

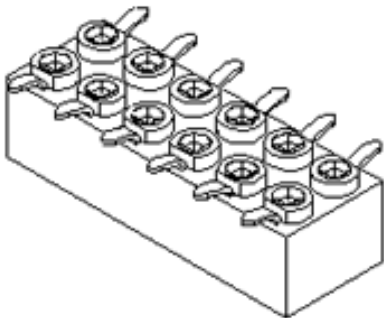
|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 20                             |
| Circuits (maximum)             | 20                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 25                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Capable              | No                             |
| Lock to Mating Part            | None                           |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 0.382/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Bottom Entry                   |
| PCB Locator                    | Yes                            |
| PCB Retention                  | None                           |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface       | 2.00mm                         |
| Pitch - Termination Interface  | 2.00mm                         |
| Plating min - Mating           | 0.381µm                        |
| Polarized to Mating Part       | No                             |
| Polarized to PCB               | Yes                            |
| 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    |
| Lead-freeProcess Capability                    | REFLOW |
| Max. Cycles at Max. Process Temperature        | 001    |
| Process Temperature max. C                     | 265    |



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      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[87263](#) 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

**Material Info**

**Reference - Drawing Numbers**

|                           |                                     |
|---------------------------|-------------------------------------|
| Application Specification | 503940001-AS-000                    |
| Packaging Specification   | PK-87263-0001-001, PK-87263-300-001 |
| Product Specification     | PS-87263-001                        |
| Sales Drawing             | SD-87263-XX2X-001                   |

This document was generated on 09/13/2021

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

87263-2023