

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

**Part Number:** [0872644452](#)  
**Status:** **Active**  
**Overview:** Milli-Grid™ Connector System  
**Description:** 2.00mm Pitch Milli-Grid™ Receptacle, Side Entry, Through Hole, 0.38µm Gold (Au) Selective, 44 Circuits, Lead-Free

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>                                 | <a href="#">Packaging Specification PK-87264-0001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">RoHS Certificate of Compliance (PDF)</a>        |
| <a href="#">Product Specification PS-87264-001 (PDF)</a> | <a href="#">Product Literature (PDF)</a>                    |

**Agency Certification**

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

**General**

|                             |                                     |
|-----------------------------|-------------------------------------|
| Product Family              | PCB Receptacles                     |
| Series                      | 87264                               |
| Application                 | Board-to-Board, Signal              |
| Overview                    | <u>Milli-Grid™ Connector System</u> |
| Product Literature Order No | 987650-1991                         |
| Product Name                | Milli-Grid™                         |
| UPC                         | 822348474363                        |

**Physical**

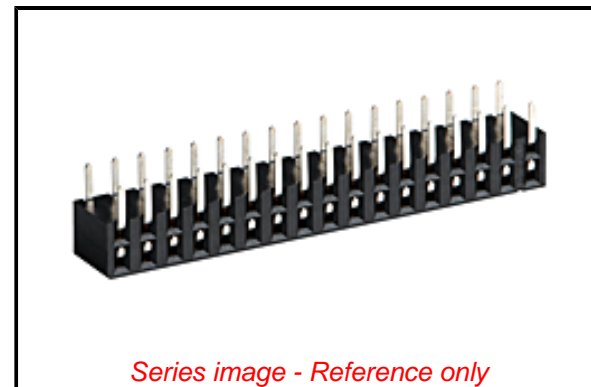
|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 44                             |
| Circuits (maximum)             | 44                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 25                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Compliant            | No                             |
| Lock to Mating Part            | None                           |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 1.424/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Right Angle                    |
| PC Tail Length                 | 2.55mm                         |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| PCB Thickness - Recommended    | 1.60mm                         |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface       | 2.00mm                         |
| Plating min - Mating           | 0.381µm                        |
| Plating min - Termination      | 2.540µm                        |
| Polarized to PCB               | No                             |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -55°C 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  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[87264 Series](#)

**Mates With**

[87758](#) , [87759](#) , [87760](#)

|   |          |
|---|----------|
| Lead-freeProcess Capability             | SMC&WAVE |
| Max. Cycles at Max. Process Temperature | 001      |
| Process Temperature max. C              | 265      |

**Material Info**

**Reference - Drawing Numbers**

|                         |               |
|-------------------------|---------------|
| Packaging Specification | PK-87264-0001 |
| Product Specification   | PS-87264-001  |
| Sales Drawing           | SD-87264-**50 |

This document was generated on 03/24/2017

**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:](#)

[87264-4452](#)