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**Part Number:** [87264-4652](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid™ Connector System](#)  
**Description:** 2.00mm Pitch Milli-Grid™ Receptacle, Side Entry, Through Hole, 0.38µm Gold (Au) Selective, 46 Circuits, Lead-Free

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)  
[Product Specification PS-87264 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Receptacles  
 Series [87264](#)  
 Application Board-to-Board, Signal  
 Overview [Milli-Grid™ Connector System](#)  
 Product Literature Order No 987650-1991  
 Product Name Milli-Grid™  
 UPC 822348474387

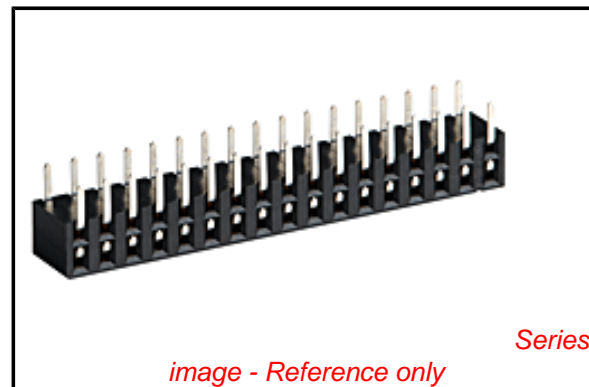
**Physical**

Circuits (Loaded) 46  
 Circuits (maximum) 46  
 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 1.500/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 1A  
 Voltage - Maximum 125V

**Solder Process Data**



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[87264Series](#)

**Mates With**

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

Duration at Max. Process Temperature (seconds)	14
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	265

### **Material Info**

### **Reference - Drawing Numbers**

Product Specification	PS-87264
Sales Drawing	SD-87264-**50

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