

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

**Part Number:** [87264-4452](#)  
**Status:** **Active**  
**Overview:** Milli-Grid™  
**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="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Product Specification PS-87264 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">87264</a>
Application	Board-to-Board, Signal
Overview	<u>Milli-Grid™</u>
Product Literature Order No	987650-1991
Product Name	Milli-Grid™

**Physical**

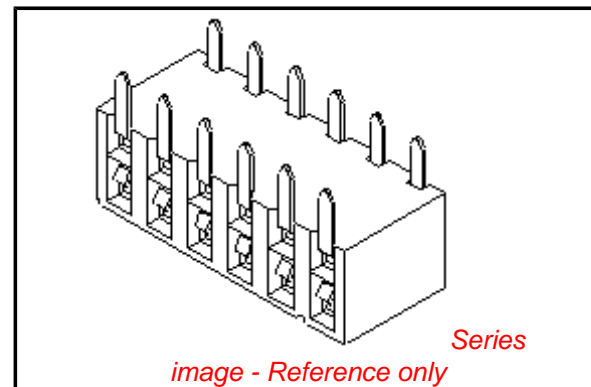
Circuits (Loaded)	44
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	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**

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



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Reviewed**

**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](#)

Process Temperature max. C

265

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-87264, RPS-55551-004

Sales Drawing

SD-87264-\*\*50

This document was generated on 04/30/2012

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