

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

**Part Number:** **0875684093**  
**Status:** **Active**  
**Overview:** Milli-Grid Connector System  
**Description:** Milli-Grid Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 40 Circuits, 0.38µm Gold (Au) Selective Plating, with Center Polarization Key and Locking Friction Ramp

**Documents:**

[3D Model](#) [Packaging Specification PK-87568-0001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-87568-004-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family IDT and Solder Connectors  
 Series [87568](#)  
 Crimp Quality Equipment Yes  
 Overview [Milli-Grid Connector System](#)  
 Product Name Milli-Grid  
 UPC 822348458233  
 Use With [87569-1040](#) Strain Relief (Optional)

**Physical**

Circuits (Loaded) 40  
 Circuits (maximum) 40  
 Color - Resin Black  
 Durability (mating cycles max) 100  
 Flammability 94V-0  
 Gender Female  
 Glow-Wire Capable No  
 Lock to Mating Part Yes  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Resin Polyester  
 Net Weight 2.281/g  
 Number of Rows 2  
 Packaging Type Tray  
 Panel Mount No  
 Pitch - Mating Interface 2.00mm  
 Polarized to Mating Part Yes  
 Stackable No  
 Temperature Range - Operating -20° to +85°C  
 Termination Interface: Style IDT or Pierce  
 Wire Size AWG 28

**Electrical**

Current - Maximum per Contact 1.0A  
 Voltage - Maximum 125V

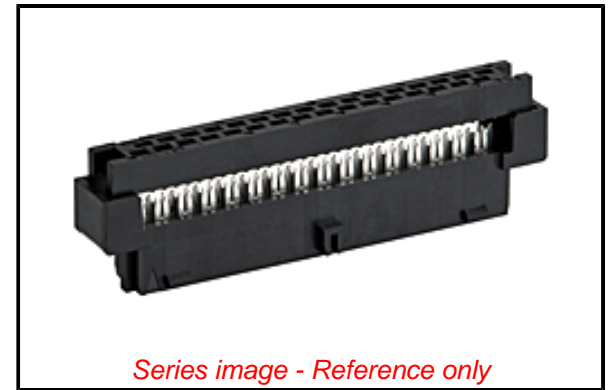
**Solder Process Data**

Lead-free Process Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-87568-0001-001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/61/2018 (27 June  
 2018)

**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**

[87568](#) Series

**Mates With**

[87831](#) Vertical PCB Header, [87832](#) Surface Mount PCB Header, [87833](#) Right Angle PCB Header

This document was generated on 10/18/2018

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