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**Part Number:** [0875681493](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid Connector System](#)  
**Description:** Milli-Grid Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 14 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                                        822348457595  
Use With                                 [87569-1014 Strain Relief \(Optional\)](#)

**Physical**

Circuits (Loaded)                    14  
Circuits (maximum)                 14  
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                            939.720/mg  
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°C to +85°C  
Termination Interface: Style       IDT or Pierce  
Wire Size AWG                       28

**Electrical**

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

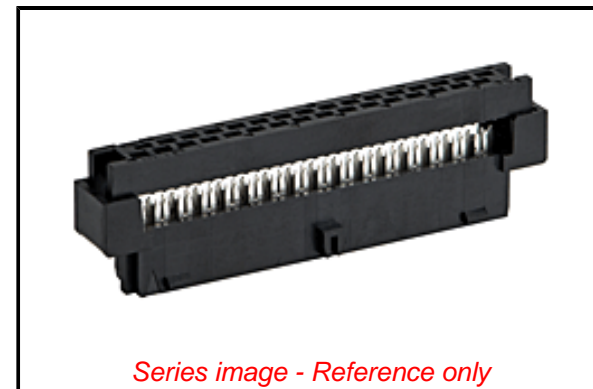
**Solder Process Data**

Lead-free Process Capability        N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification             PK-87568-0001-001



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**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**

[87568 Series](#)

**Mates With**

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

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