

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

**Part Number:** [0875681073](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid Connector System](#)  
**Description:** [Milli-Grid Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 10 Circuits, 0.38µm Gold \(Au\) Selective Plating, without Center Polarization Key, with Locking Friction Ramp](#)

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification 503940002-AS-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-87568-0001-001 (PDF)</a>  |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |
| <a href="#">Product Specification PS-87568-004-001 (PDF)</a> |  |

**Agency Certification**

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

**General**

|                         |  |
|-------------------------|--|
| Product Family          | IDT and Solder Connectors                          |
| Series                  | <a href="#">87568</a>                              |
| Crimp Quality Equipment | Yes  |
| Overview                | <a href="#">Milli-Grid Connector System</a>        |
| Product Name            | Milli-Grid   |
| UPC                     | 822348456376                                       |
| Use With                | <a href="#">875691010</a> Strain Relief (Optional) |

**Physical**

|                                |               |
|--------------------------------|---------------|
| Circuits (Loaded)              | 10            |
| Circuits (maximum)             | 10            |
| 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                     | 0.723/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            |

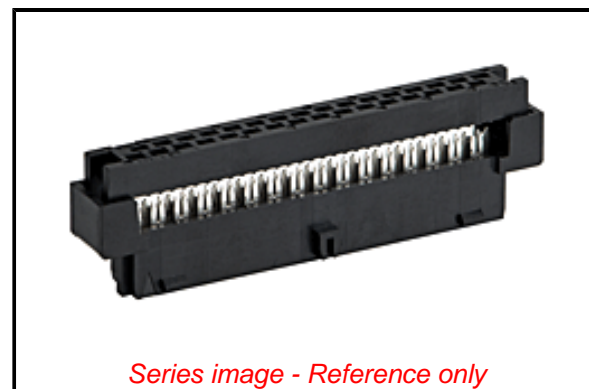
**Electrical**

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

**Solder Process Data**

|                              |     |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

**Material Info**



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Compliant

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

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

| Description                                 | Product #                 |
|---|---------------------------|
| IDT - Manual - Handtool                     | <a href="#">621002000</a> |
| Manual Press with IDT Ribbon Cable Tool Kit | <a href="#">621002200</a> |
| IDT Ribbon Cable Adapter Kit for 2.00mm     | <a href="#">621002400</a> |

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | 503940002-AS-000  |
| Packaging Specification   | PK-87568-0001-001 |
| Product Specification     | PS-87568-004-001  |
| Sales Drawing             | SD-87568-003-001  |

IDT - Manual - Tool [621003200](#)  
Kit

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