# molex®
## one company › a world of innovation

| | |
|---|---|
| **Part Number:** | **0875685093** |
| **Status:** | **Active** |
| **Description:** | 2.00mm (.079") Pitch Milli-Grid™ Cable-to-Board Receptacle, Dual Row, IDT, Lead-free, 50 Circuits, 0.38mm (.015") Gold (Au) Selective Plating, with Center Polarization Key and Locking Friction Ramp |

**Documents:**

3D Model

Drawing (PDF)

Product Specification PS-87568-004 (PDF)

RoHS Certificate of Compliance (PDF)

*Series image - Reference only*

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

**Contains SVHC: No**

**Halogen-Free Status**

**Not Halogen-Free**

**China RoHS**

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

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

### General

| | |
|---|---|
| Product Family | IDT and Solder Connectors |
| Series | 87568 |
| Product Name | Milli-Grid™ |
| Use With | 87569-1050 Strain Relief (Optional) |

### Physical

| | |
|---|---|
| Circuits (Loaded) | 50 |
| Color - Resin | Black |
| Durability (mating cycles max) | 100 |
| Gender | Female |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Resin | Polyester |
| Number of Rows | 2 |
| Packaging Type | Tray |
| Panel Mount | No |
| Pitch - Mating Interface (in) | 0.079 In |
| Pitch - Mating Interface (mm) | 2.00 mm |
| Polarized to Mating Part | Yes |
| Stackable | No |
| Temperature Range - Operating | -20℃ to +85℃ |
| Termination Interface: Style | IDT or Pierce |
| Wire Size AWG | 28 |

### Electrical

| | |
|---|---|
| Current - Maximum | 1A |
| Voltage - Maximum | 125V |

### Material Info

### Reference - Drawing Numbers

| | |
|---|---|
| Product Specification | PS-87568-004 |
| Sales Drawing | SD-87568-003 |

**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 # |
|---|---|
| Manual Press with IDT Ribbon Cable Tool Kit | 0621002200 |
| IDT - Manual - Handtool | 0621002000 |
| IDT Ribbon Cable Adapter Kit For 2.00mm Milli-Grid™ | 0621002400 |
| IDT - Manual - Tool Kit | 0621003200 |

This document was generated on 11/05/2009
**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**