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Part Number:

0875685044

Status:

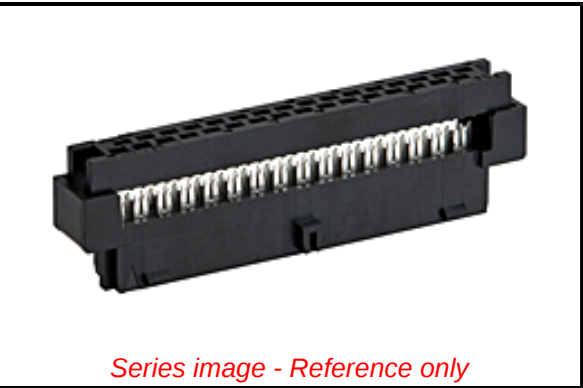
Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 50 Circuits, 0.76µm Gold (Au) Selective Plating, with Center Polarization Key, without Locking Friction Ramp



Documents:

3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification PS-87568-004-001 (PDF)

Application Specification 503940002-AS-000 (PDF)

Packaging Specification PK-87568-0001-001 (PDF)

RoHS Certificate of Compliance (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                            | 822348458349                       |
| Use With                       | 875691050 Strain Relief (Optional) |
| Physical                       |                                    |
| Circuits (Loaded)              | 50                                 |
| Circuits (maximum)             | 50                                 |
| Color - Resin                  | Black                              |
| Durability (mating cycles max) | 100                                |
| Flammability                   | 94V-0                              |
| Gender                         | Female                             |
| Glow-Wire Capable              | No                                 |
| Lock to Mating Part            | None                               |
| Material - Metal               | Copper Alloy                       |
| Material - Plating Mating      | Gold                               |
| Material - Resin               | Polyester                          |
| Net Weight                     | 2.721/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-freeProcess Capability    | N/A                                |
| Material Info                  |                                    |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2021)4569-DC (8 July 2021)              |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| 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

|                                                                                                                                                                                 |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 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                                                                                                                                                         | 621002000 |
| Manual Press with IDT Ribbon Cable Tool Kit                                                                                                                                     | 621002200 |
| IDT Ribbon Cable Adapter Kit for 2.00mm                                                                                                                                         | 621002400 |

**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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