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Part Number:

87568-1663

Status:

Active

Overview:

Milli-Grid™ Connector System

Description:

Milli-Grid™ Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 16 Circuits, 0.38µm Gold (Au) Selective Plating, without Center Polarization Key and Locking Friction Ramp

Documents:

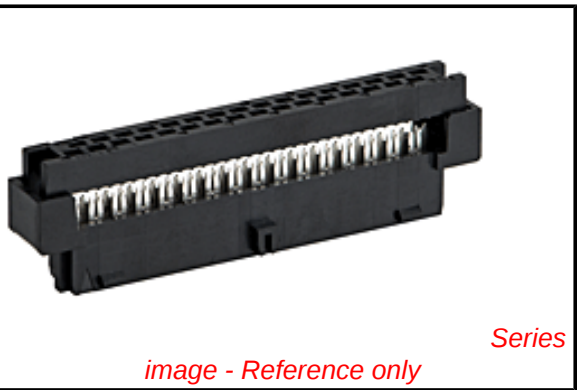
3D Model

Drawing (PDF)

Product Specification PS-87568-004 (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                            | 822348457632                        |
| Use With                       | 87569-1016 Strain Relief (Optional) |
| Physical                       |                                     |
| Circuits (Loaded)              | 16                                  |
| Circuits (maximum)             | 16                                  |
| Color - Resin                  | Black                               |
| Durability (mating cycles max) | 100                                 |
| Flammability                   | 94V-0                               |
| Gender                         | Female                              |
| Glow-Wire Compliant            | No                                  |
| Lock to Mating Part            | None                                |
| Material - Metal               | Copper Alloy                        |
| Material - Plating Mating      | Gold                                |
| Material - Resin               | Polyester                           |
| Net Weight                     | 0.975/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°C to +85°C                      |
| Termination Interface: Style   | IDT or Pierce                       |
| Wire Size AWG                  | 28                                  |
| Electrical                     |                                     |
| Current - Maximum per Contact  | 1A                                  |
| Voltage - Maximum              | 125V                                |
| Material Info                  |                                     |
| Reference - Drawing Numbers    |                                     |
| Product Specification          | PS-87568-004                        |
| Sales Drawing                  | SD-87568-003                        |



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

87568Series

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 Ribbon Cable Adapter Kit for 2.00mm     | 0621002400 |
| IDT - Manual - Handtool                     | 0621002000 |

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