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Part Number:

0875684493

Status:

Active

Overview:

Milli-Grid™ Connector System

Description:

Milli-Grid™ Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 44 Circuits, 0.38µm Gold (Au) Selective Plating, with Center Polarization Key and Locking Friction Ramp

Documents:

3D Model

Drawing (PDF)

Product Specification PS-87568-004-001 (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                            | 822348458318                        |
| Use With                       | 87569-1044 Strain Relief (Optional) |
| Physical                       |                                     |
| Circuits (Loaded)              | 44                                  |
| Circuits (maximum)             | 44                                  |
| Color - Resin                  | Black                               |
| Durability (mating cycles max) | 100                                 |
| Flammability                   | 94V-0                               |
| Gender                         | Female                              |
| Glow-Wire Compliant            | No                                  |
| Lock to Mating Part            | Yes                                 |
| Material - Metal               | Copper Alloy                        |
| Material - Plating Mating      | Gold                                |
| Material - Resin               | Polyester                           |
| Net Weight                     | 2.502/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  | 1.0A                                |
| Voltage - Maximum              | 125V                                |
| Solder Process Data            |                                     |
| Lead-freeProcess Capability    | N/A                                 |

Material Info

|                             |                  |
|-----------------------------|------------------|
| Reference - Drawing Numbers |                  |
| Product Specification       | PS-87568-004-001 |
| Sales Drawing               | SD-87568-003     |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/01/2017 (12

January 2017)

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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