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**Part Number:** [0877602617](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid Connector System](#)  
**Description:** 2.00mm Pitch Milli-Grid Header, Right-Angle, Through Hole, 26 Circuits, 0.76µm Gold (Au) Selective Plating, Tray, Lead-Free

**Documents:**

|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification 503940001-AS-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-89990-487-001 (PDF)</a>   |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Test Summary 877610000-TS-000 (PDF)</a>              |
| <a href="#">Product Specification PS-87761-100-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

**Agency Certification**

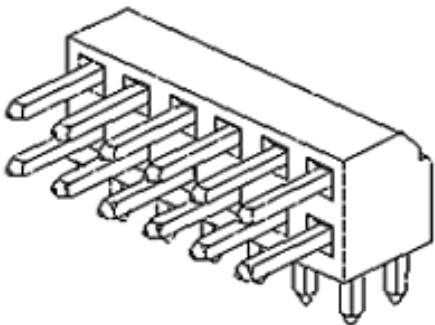
|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |                                             |
|----------------|---------------------------------------------|
| Product Family | PCB Headers                                 |
| Series         | <a href="#">87760</a>                       |
| Application    | Board-to-Board, Signal, Wire-to-Board       |
| Comments       | Lead-Free version of 87049 series           |
| Overview       | <a href="#">Milli-Grid Connector System</a> |
| Product Name   | Milli-Grid                                  |
| UPC            | 822348358625                                |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 26                             |
| Circuits (maximum)             | 26                             |
| Color - Resin                  | Black                          |
| First Mate / Last Break        | No                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Capable              | No                             |
| Guide to Mating Part           | No                             |
| Keying to Mating Part          | None                           |
| Lock to Mating Part            | None                           |
| Mated Height                   | 4.00mm                         |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 1.035/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Right Angle                    |
| PC Tail Length                 | 2.60mm                         |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| PCB Thickness - Recommended    | 1.60mm                         |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface       | 2.00mm                         |
| Pitch - Termination Interface  | 2.00mm                         |
| Polarized to Mating Part       | No                             |
| Polarized to PCB               | No                             |
| Shrouded                       | No                             |
| Stackable                      | Yes                            |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -55° to +105°C                 |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU 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 [Contact US](#)

**China RoHS**

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[87760](#) Series

**Mates With**

Milli-Grid Vertical Through Hole Receptacle [79107](#) , [78787](#) . Milli-Grid Flex-to-Board Vertical Receptacle [79108](#) . Milli-Grid Vertical Surface Mount Receptacle [79109](#) , [78788](#) . Milli-Grid Top Entry Surface Mount Receptacle [87381](#) . Milli-Grid Side Entry Surface Mount Receptacle [87264](#)

|                                    |                  |
|------------------------------------|------------------|
| Termination Interface: Style       | Through Hole     |
| <b>Electrical</b>                  |                  |
| Current - Maximum per Contact      | 2.0A             |
| Voltage - Maximum                  | 125V             |
| <b>Solder Process Data</b>         |                  |
| Lead-freeProcess Capability        | WAVE             |
| <b>Material Info</b>               |                  |
| <b>Reference - Drawing Numbers</b> |                  |
| Application Specification          | 503940001-AS-000 |
| Packaging Specification            | PK-89990-487-001 |
| Product Specification              | PS-87761-100-001 |
| Sales Drawing                      | SD-87760-109-001 |
| Test Summary                       | 877610000-TS-000 |

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