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**Part Number:** [0877592650](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid Connector System](#)  
**Description:** Milli-Grid Header, Surface Mount, Vertical, 26 Circuits, 0.38µm Gold (Au) Selective Plating, with Press-fit Plastic Pegs, 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-89990-475-001 (PDF)</a>   |
| <a href="#">Product Specification PS-87761-100-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

**Agency Certification**

UL E29179

**General**

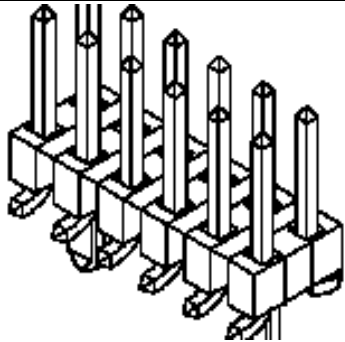
|                |                                             |
|----------------|---------------------------------------------|
| Product Family | PCB Headers                                 |
| Series         | <a href="#">87759</a>                       |
| Application    | Board-to-Board, Signal                      |
| Overview       | <a href="#">Milli-Grid Connector System</a> |
| Product Name   | Milli-Grid                                  |
| UPC            | 822348283613                                |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | Yes                            |
| Circuits (Loaded)              | 26                             |
| Circuits (maximum)             | 26                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 100                            |
| 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                   | 3.80mm                         |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 0.651/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | Yes                            |
| PCB Retention                  | None                           |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface       | 2.00mm                         |
| Pitch - Termination Interface  | 2.00mm                         |
| Plating min - Mating           | 0.381µm                        |
| Polarized to Mating Part       | No                             |
| Polarized to PCB               | No                             |
| Shrouded                       | No                             |
| Stackable                      | Yes                            |
| Temperature Range - Operating  | -55° to +125°C                 |
| Termination Interface: Style   | Surface Mount                  |

**Electrical**

Current - Maximum per Contact 2.0A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

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

**Search Parts in this Series**

[87759](#) 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 Crimp Housing [51110](#)

|                                                |                  |
|------------------------------------------------|------------------|
| Voltage - Maximum                              | 125V             |
| <b>Solder Process Data</b>                     |                  |
| Duration at Max. Process Temperature (seconds) | 010              |
| Lead-freeProcess Capability                    | REFLOW           |
| Max. Cycles at Max. Process Temperature        | 003              |
| Process Temperature max. C                     | 260              |
| <b>Material Info</b>                           |                  |
| <b>Reference - Drawing Numbers</b>             |                  |
| Application Specification                      | 503940001-AS-000 |
| Packaging Specification                        | PK-89990-475-001 |
| Product Specification                          | PS-87761-100-001 |
| Sales Drawing                                  | SD-87759-113-001 |

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