

**Part Number :** 791077007
**Product Description :** Milli-Grid Vertical Receptacle, 2.00mm Pitch, Dual Row, Through Hole, 3.00mm Tail Length, 0.38µm Gold (Au) Plating, 16 Circuits, Lead-Free, Tube
**Series Number :** 79107
**Status :** Active
**Product Category :** PCB Headers and Receptacles

## Documents and Resources

### Drawings

791077007_sd.pdf

PK-70873-0180-001.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

### Specifications

503940001-AS-000.pdf

PS-79107-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC

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- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 79107 |
| Description | Milli-Grid Vertical Receptacle, 2.00mm Pitch, Dual Row, Through Hole, 3.00mm Tail Length, 0.38µm Gold (Au) Plating, 16 Circuits, Lead-Free, Tube |
| Application | Board-to-Board |
| Component Type | PCB Receptacle |
| Product Name | Milli-Grid |
| UPC | 822348474523 |

### Agency

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

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 1.0A |
| Voltage - Maximum | 125V |

### Physical

| | |
|---|---|
| Circuits (Loaded) | 16 |

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| | |
|---|---|
| Circuits (maximum) | 16 |
| Color - Resin | Black |
| Durability (mating cycles max) | 50 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Gender | Female |
| Glow-Wire Capable | No |
| Lock to Mating Part | No |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Mounting Style | Through Hole |
| Net Weight | 0.457/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Tube |
| PCB Locator | No |
| PCB Retention | No |
| PCB Thickness - Recommended | 1.60mm |
| PC Tail Length | 3.00mm |
| Pitch - Mating Interface | 2.00mm |
| Pitch - Termination Interface | 2.00mm |
| Plating min - Mating | 0.381µm |
| Plating min - Termination | 1.905µm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Temperature Range - Operating | -55° to +125°C |
| Termination Interface Style | Through Hole |

**Solder Process Data**

| | |
|---|---|
| Max-Duration | 10 |
| Lead-Free Process Capability | WAVE |
| Max-Cycle | 1 |
| Max-Temp | 260 |

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## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Milli-Grid Vertical Through Hole Headers | 87758 |
| Milli-Grid Vertical Surface Mount Headers | 87759 |
| Milli-Grid Right-Angle Through Hole Headers | 87760 |
| Milli-Grid Vertical, Dual Row, Through Hole Headers | 87831 |
| Milli-Grid Vertical, Dual Row, Surface Mount Headers | 87832 |
| Milli-Grid Vertical, Dual Row, Through Hole Headers | 151117 |
| Milli-Grid Vertical, Dual Row, Surface Mount Headers | 151118 |
| Milli-Grid Right-Angle, Dual Row, Through Hole Headers | 151119 |
| Milli-Grid Right-Angle, Dual Row, Surface Mount Headers | 151120 |



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