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**Part Number:** 0787881014

**Status:** Active

**Overview:** Milli-Grid™ Connector System

**Description:** Milli-Grid™ Receptacle, Surface Mount, Vertical, Top Entry, with Pegs, without Cap, Tube, 2.50µm Tin (Sn), 10 Circuits, Lead-Free

*Series image - Reference only*

**Documents:**

Drawing (PDF)
Product Specification PS-78788-001-001 (PDF)
Packaging Specification PK-78788-004 (PDF)
RoHS Certificate of Compliance (PDF)

**Agency Certification**

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

**General**

| | |
|---|---|
| Product Family | PCB Receptacles |
| Series | 78788 |
| Application | Board-to-Board, Signal |
| Overview | Milli-Grid™ Connector System |
| Product Name | Milli-Grid™ |
| UPC | 887191935065 |

**Physical**

| | |
|---|---|
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Flammability | 94V-0 |
| Glow-Wire Compliant | No |
| Lock to Mating Part | None |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 0.284/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | Yes |
| PCB Retention | None |
| Packaging Type | Tube |
| Pitch - Mating Interface | 2.00mm |
| Plating min - Mating | 2.500µm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Robotic Placement | None |
| Temperature Range - Operating | 0°C to +105°C |
| Termination Interface: Style | Surface Mount |

**Electrical**

| | |
|---|---|
| Current - Maximum per Contact | 1.0A |
| Voltage - Maximum | 125V AC (RMS)/DC |

**Solder Process Data**

| | |
|---|---|
| Duration at Max. Process Temperature (seconds) | 010 |
| Lead-freeProcess Capability | REFLOW |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 260 |

**Material Info**

**EU ELV**
**Not Relevant**

**EU RoHS**
**Compliant**

**China RoHS**

**REACH SVHC**
Not Contained Per - ED/30/2017 (7 July 2017)

**Halogen-Free Status**
**Low-Halogen**

**Need more information on product environmental compliance?**

Email 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**
78788 Series

**Mates With**
Milli-Grid™ Header 87758 , 87759 , 87760 , 87831 , 87832 , 87833 <br> Milli-Grid™ Low-Halogen Header 151117 , 151118 , 151119 , 151120

**Reference - Drawing Numbers**

| | |
|---|---|
| Packaging Specification | PK-78788-004 |
| Product Specification | PS-78788-001-001 |
| Sales Drawing | SD-78788-001 |

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