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**Part Number:** **0787884813**  
**Status:** **Active**  
**Overview:** Milli-Grid™ Connector System  
**Description:** Milli-Grid™ Receptacle, Surface Mount, Vertical, Top Entry, with Plastic Pegs, with Cap, Tube, 2.50µm Tin (Sn), 48 Circuits, Lead-Free

**Documents:**

[Drawing \(PDF\)](#)      [Packaging Specification PK-78788-003 \(PDF\)](#)  
[Product Specification PS-78788-001-001 \(PDF\)](#)      [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      889056469371

**Physical**

Circuits (Loaded)      48  
 Circuits (maximum)      48  
 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      1.356/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      Pick and Place Cap  
 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**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**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](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

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

Product Specification

Sales Drawing

PK-78788-003

PS-78788-001-001

SD-78788-001

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