

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0787881011](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid™ Connector System](#)  
**Description:** [Milli-Grid™ Receptacle, Surface Mount, Vertical, Top Entry, with Plastic Pegs, with Cap, Tape and Reel, 2.50µm Tin \(Sn\), 10 Circuits, Lead-Free](#)

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-78788-001-001 \(PDF\)](#)  
[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 887191575261

**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 Embossed Tape on Reel  
 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-78788-001-001

PS-78788-001-001

SD-78788-001

This document was generated on 08/02/2017

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**