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**Part Number:** [78788-3011](#)  
**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), 30 Circuits, Lead-Free

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-78788-001 \(PDF\)](#)

**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 887191749648

**Physical**

Circuits (Loaded) 30  
 Circuits (maximum) 30  
 Color - Resin Black  
 Durability (mating cycles max) 30  
 Flammability 94V-0  
 Glow-Wire Compliant Yes  
 Lock to Mating Part None  
 Material - Metal Copper Alloy  
 Material - Plating Mating Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 0.848/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  
 Temperature Range - Operating 0°C to +105°C  
 Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 1A  
 Voltage - Maximum 125V AC (RMS)/DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 10  
 Lead-free Process Capability Reflow Capable (SMT only)  
 Max. Cycles at Max. Process Temperature 1  
 Process Temperature max. C 260

**Material Info**

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
 78788Series

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-78788-001  
SD-78788-001

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