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**Part Number:** [0791077007](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid™ Connector System](#)  
**Description:** 2.00mm Pitch Milli-Grid™ Receptacle, Vertical, Through Hole, Dual Row, 3.00mm Tail Length, 0.38µm Gold (Au) Selective Plating, 16 Circuits, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-79107-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family PCB Receptacles  
 Series [79107](#)  
 Application Board-to-Board, Signal  
 Overview [Milli-Grid™ Connector System](#)  
 Product Name Milli-Grid™  
 UPC 822348474523

**Physical**

Circuits (Loaded) 16  
 Circuits (maximum) 16  
 Color - Resin Black  
 Durability (mating cycles max) 50  
 Glow-Wire Compliant No  
 Lock to Mating Part None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 0.457/g  
 Number of Rows 2  
 Orientation Vertical  
 PC Tail Length 3.00mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tube  
 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  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -55°C to +105°C  
 Termination Interface: Style Through Hole

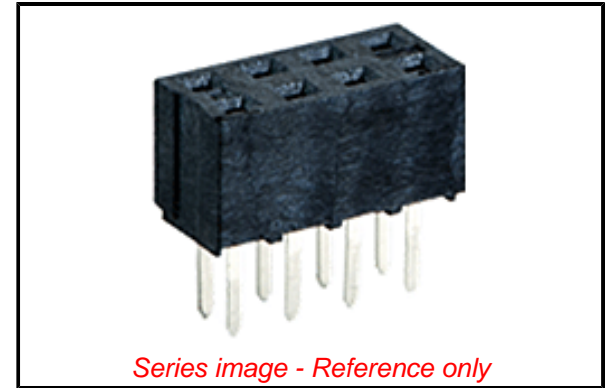
**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 010  
 Lead-freeProcess Capability WAVE  
 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/01/2017 (12  
 January 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[79107 Series](#)

**Mates With**

Milli-Grid™ Header [87758](#) , [87759](#) , [87760](#) , [87831](#) , [87832](#) <br> Milli-Grid™ Low-Halogen Header [151117](#) , [151118](#) , [151119](#) , [151120](#)

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-79107-001

SDA-79107-\*\*\*\*

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