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**Part Number:** [0791091003](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid Connector System](#)  
**Description:** Milli-Grid Receptacle, Surface Mount, Vertical, Top/Bottom Entry, without Press-fit Plastic Pegs, without Cap, Tube, 0.38µm Gold (Au) Selective, 8 Circuits, Lead-Free

**Documents:**

[3D Model](#) [Product Specification TS-79109-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-79107-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family PCB Receptacles  
Series [79109](#)  
Application Board-to-Board, Signal  
Overview [Milli-Grid Connector System](#)  
Product Name Milli-Grid  
UPC 822348490233

**Physical**

Circuits (Loaded) 8  
Circuits (maximum) 8  
Color - Resin Black  
Durability (mating cycles max) 50  
Flammability 94V-0  
Glow-Wire Capable 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 218.999/mg  
Number of Rows 2  
Orientation Vertical  
PCB Locator No  
PCB Retention None  
Packaging Type Tube  
Pitch - Mating Interface 2.00mm  
Plating min - Mating 0.381µm  
Plating min - Termination 1.905µm  
Polarized to PCB No  
Temperature Range - Operating -55° to +105°C  
Termination Interface: Style Surface Mount

**Electrical**

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

**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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[79109 Series](#)

**Mates With**

Milli-Grid Header [87833](#) , [87832](#) , [87831](#) ,  
[87758](#) , [87759](#) , [87760](#) <br> Milli-Grid Low-  
Halogen Header [151117](#) , [151118](#) , [151119](#) ,  
[151120](#)

**Material Info**

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-79107-001, TS-79109-001-001

SDA-79109-\*\*\*\*, SDA-79109-XXXX-001

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