

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

**Part Number:** [0791098609](#)

**Status:** **Active**

**Overview:** [Milli-Grid Connector System](#)

**Description:** Milli-Grid Receptacle, Surface Mount, Vertical, Top/Bottom Entry, with Press-fit Plastic Pegs, with Cap, Embossed Tape on Reel, 0.38µm Gold (Au) Selective, 20 Circuits, Lead-Free

**Documents:**

[3D Model](#)

[3D Model \(PDF\)](#)

[Drawing \(PDF\)](#)

[Product Specification PS-79107-001 \(PDF\)](#)

[Application Specification 503940001-AS-000 \(PDF\)](#)

[Packaging Specification PK-70873-0259-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**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 822348492817

**Physical**

Circuits (Loaded) 20

Circuits (maximum) 20

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 0.546/g

Number of Rows 2

Orientation Vertical

PCB Locator Yes

PCB Retention Yes

Packaging Type Embossed Tape on Reel

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

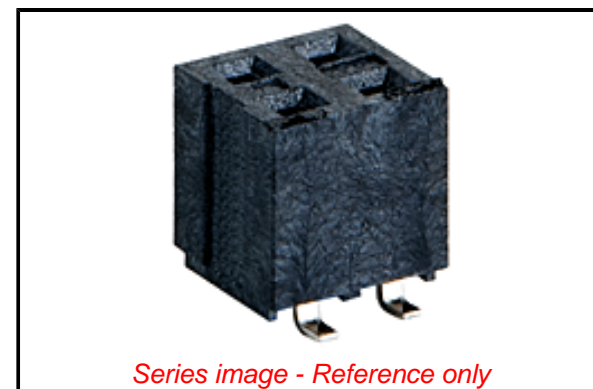
Voltage - Maximum 125V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 010

Lead-freeProcess Capability REFLOW

Max. Cycles at Max. Process Temperature 001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

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](#)

Process Temperature max. C 260

**Material Info**

**Reference - Drawing Numbers**

Application Specification	503940001-AS-000
Packaging Specification	PK-70873-0259-001
Product Specification	PS-79107-001
Sales Drawing	SDA-79109-XXXX-001

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