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**Part Number:** **0791077019**  
**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, 40 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	<u>79107</u>
Application	Board-to-Board, Signal
Overview	<u>Milli-Grid™ Connector System</u>
Product Name	Milli-Grid™
UPC	822348474646

**Physical**

Circuits (Loaded)	40
Circuits (maximum)	40
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	1.142/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

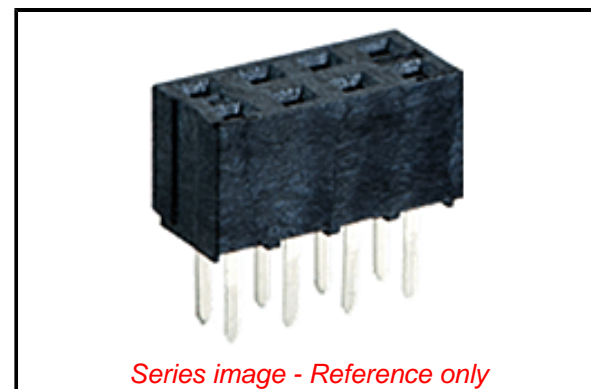
**Electrical**

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**

**China RoHS**

**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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