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**Part Number:** [79109-1051](#)  
**Status:** **Active**  
**Overview:** Milli-Grid™ Connector System  
**Description:** 2.00mm Pitch Milli-Grid™ Receptacle, Surface Mount, Vertical, Top/Bottom Entry, without Press-fit Plastic Pegs, without Cap, Tube, 0.75µm Gold (Au) Selective, 4 Circuits, Lead-Free

**Documents:**

<a href="#">3D Model</a>	<a href="#">Test Summary TS-79109-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-79107 (PDF)</a>	



**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">79109</a>
Application	Board-to-Board, Signal
Overview	<a href="#">Milli-Grid™ Connector System</a>
Product Name	Milli-Grid™
UPC	822348490691

**Physical**

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
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	0.106/g
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	1.905µm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	1A
Voltage - Maximum	125V

**Solder Process Data**

Lead-free Process Capability	Reflow Capable (SMT only)
Process Temperature max. C	260

**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**

[79109Series](#)

**Mates With**

[87833](#) , [87832](#) , [87831](#) , [87758](#) , [87759](#) , [87760](#)

## Material Info

### Reference - Drawing Numbers

Product Specification  
Sales Drawing  
Test Summary

PS-79107  
SDA-79109-\*\*\*\*  
TS-79109-001

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