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**Part Number:** [0787871054](#)  
**Status:** **Active**  
**Overview:** Milli-Grid™ Connector System  
**Description:** 2.00mm Pitch Milli-Grid™ Receptacle, Vertical, Through Hole, Dual Row, 1.91mm Tail Length, Tin Plating, 10 Circuits, Lead-Free

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-78787-001 (PDF)</a>
<a href="#">Product Specification PS-78787-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

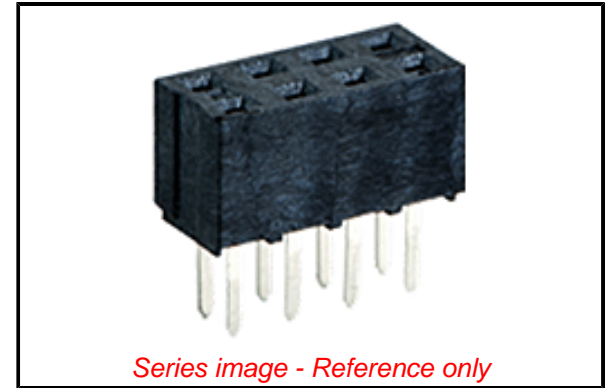
Product Family	PCB Receptacles
Series	<a href="#">78787</a>
Application	Board-to-Board, Signal
Overview	<a href="#">Milli-Grid™ Connector System</a>
Product Name	Milli-Grid™
UPC	889056229098

**Physical**

Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Tin over Nickel
Material - Plating Termination	Tin over Nickel
Material - Resin	Liquid Crystal Polymer
Net Weight	0.289/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	1.91mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	0.80mm
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	2.500µm
Plating min - Termination	2.500µm
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	1.0A
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/30/2017 (7 July 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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[78787](#) Series

**Mates With**

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

Voltage - Maximum 125V AC (RMS)/DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 010  
Lead-free Process Capability WAVE  
Max. Cycles at Max. Process Temperature 001  
Process Temperature max. C 260

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-78787-001  
Product Specification PS-78787-001-001  
Sales Drawing SD-78787-001

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