



Part Number : [791096012](#)

Product Description : Milli-Grid Vertical Receptacle, 2.00mm Pitch, Dual Row, Surface Mount, Top/Bottom Entry, with Press-fit Plastic Pegs, Tube, 0.38µm Gold (Au) Plating, 12 Circuits, Circuits 10 Voided, Lead-Free

Series Number : 79109

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[791096012 sd.pdf](#)

[PK-70873-0217-001.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[503940001-AS-000.pdf](#)

[PS-79107-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	79109
Description	Milli-Grid Vertical Receptacle, 2.00mm Pitch, Dual Row, Surface Mount, Top/Bottom Entry, with Press-fit Plastic Pegs, Tube, 0.38µm Gold (Au) Plating, 12 Circuits, Circuits 10 Voided, Lead-Free
Application	Board-to-Board
Component Type	PCB Receptacle
Product Name	Milli-Grid
UPC	822348492244

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Circuits (Loaded)	43
Circuits (maximum)	44
Color - Resin	Black
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	1.212/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.381µm
Plating min - Termination	1.880µm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-55° to +125°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Milli-Grid Vertical Through Hole Headers	<u>87758</u>
Milli-Grid Vertical Surface Mount Headers	<u>87759</u>
Milli-Grid Right-Angle Through Hole Headers	<u>87760</u>
Milli-Grid Vertical, Dual Row, Through Hole Headers	<u>87831</u>
Milli-Grid Vertical, Dual Row, Surface Mount Headers	<u>87832</u>
Milli-Grid Right-Angle Dual Row Through Hole Headers	<u>87833</u>
Milli-Grid Vertical, Dual Row, Through Hole Headers	<u>151117</u>
Milli-Grid Vertical, Dual Row, Surface Mount Headers	<u>151118</u>
Milli-Grid Right-Angle, Dual Row, Through Hole Headers	<u>151119</u>
Milli-Grid Right-Angle, Dual Row, Surface Mount Headers	<u>151120</u>