



Part Number : 791081009

Product Description : Milli-Grid Vertical
Receptacle Dual Row Through-Hole, 0.38µm
Gold (Au) Selective Plating, 20 Circuits, Lead-
Free

Series Number : 79108

Status : Active

Product Category : PCB Headers and
Receptacles

Documents & Resources

Drawings

Drawing 791081009_sd.pdf
Packaging Design Drawing PK-70873-0180-001.pdf

3D Models and Design Files


3D Model 791081009_stp.zip

Specifications

Application Specification 503940001-AS-000.pdf
Product Specification PS-79107-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	79108
Description	Milli-Grid Vertical Receptacle Dual Row Through-Hole, 0.38µm Gold (Au) Selective Plating, 20 Circuits, Lead-Free
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Family	Milli-Grid Connector System
Product Name	Milli-Grid
UPC	822348467204

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Material - Metal	Phosphor Bronze

Material - Plating Mating	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	0.546/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PC Tail Length	1.27mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	0.60mm
Pitch - Mating Interface	2.00mm
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	WAVE
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>

