



Part Number : 877620024

Product Description : Milli-Grid Header, Dual Row Dual Body, Surface Mount, Vertical, 12 Circuits, 0.38µm Gold (Au) Selective Plating, 12.70mm Stacking Height, with Pegs, without Cap, Tube Packaging, Lead-Free

Series Number : 87762

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings


- [Drawing 877620024_sd.pdf](#)
- [Packaging Design Drawing PK-151033-0001-001.pdf](#)
- [Packaging Design Drawing PK-87858-300-000.pdf](#)
- [Packaging Design Drawing PK-89990-475-001.pdf](#)
- [Packaging Design Drawing PK-89990-476-001.pdf](#)
- [Packaging Design Drawing PK-89990-484-001.pdf](#)
- [Packaging Design Drawing PK-89990-485-001.pdf](#)
- [Packaging Design Drawing PK-89990-487-001.pdf](#)

Specifications

- [Application Specification 503940001-AS-000.pdf](#)
- [Product Specification PS-87761-100-001.pdf](#)
- [Test Summary 877610000-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33; 44; 34
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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	87762
Description	Milli-Grid Header, Dual Row Dual Body, Surface Mount, Vertical, 12 Circuits, 0.38µm Gold (Au) Selective Plating, 12.70mm Stacking Height, with Pegs, without Cap, Tube Packaging, Lead-Free
Application	Board-to-Board, Signal
Component Type	PCB Header
Product Family	Milli-Grid Connector System
Product Name	Dual Body,Milli-Grid
UPC	822348532971

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	125V

Physical

Breakaway	Yes
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
First Mate / Last Break	No

Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	6.65mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.629/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
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
Shrouded	No
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	REFLOW
Max-Cycle	3
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Milli-Grid Vertical Through Hole PCB Receptacles	<u>79107</u>
Milli-Grid Vertical Through Hole PCB Receptacles	<u>79108</u>
Milli-Grid Top/Bottom Entry Surface Mount PCB Receptacles	<u>79109</u>
Milli-Grid Top Entry Surface Mount PCB Receptacles	<u>87381</u>

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