



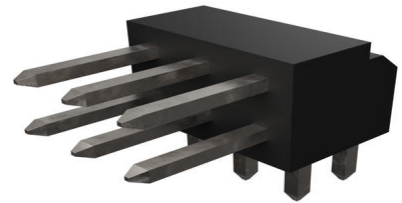
Part Number : [877600618](#)

Product Description : 2.00mm Pitch Milli-Grid
Header, Right-Angle, Through Hole, 6 Circuits, 2.54µm
Tin (Sn) Plating, Mating Pin Length 4.00mm, Tail Length
2.60mm, Tray, Lead-Free

Series Number : 87760

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[877600618 sd.pdf](#)

[PK-89990-487-001.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

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

[PS-87761-100-001.pdf](#)

[877610000-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per ED/01/2017 (12 January 2017)
EU RoHS	Not Reviewed 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	87760
Description	2.00mm Pitch Milli-Grid Header, Right-Angle, Through Hole, 6 Circuits, 2.54µm Tin (Sn) Plating, Mating Pin Length 4.00mm, Tail Length 2.60mm, Tray, Lead-Free
Application	Board-to-Board, Wire-to-Board
Comments	Lead-Free version of 87049 series
Component Type	PCB Header
Product Name	Milli-Grid
UPC	822350026055

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	No
Mated Height	4.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.246/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.60mm
PC Tail Length	2.60mm
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	Unshrouded
Stackable	Yes
Temperature Range - Operating	-55° to +125°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	14
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	265

Mates With / Use With

Mates with Part(s)

Description	Part Number
Milli-Grid Vertical Through Hole PCB Receptacles	<u>78787</u>
Milli-Grid Vertical Through Hole PCB Receptacles	<u>79107</u>
Milli-Grid Vertical Through Hole PCB Receptacles	<u>79108</u>
Milli-Grid Top Entry Surface Mount PCB Receptacles	<u>78788</u>
Milli-Grid Top/Bottom Entry Surface Mount PCB Receptacles	<u>79109</u>
Milli-Grid Top Entry Surface Mount PCB Receptacles	<u>87381</u>
Milli-Grid Side Entry Through Hole PCB Receptacles	<u>87264</u>