

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0877610008

Status:

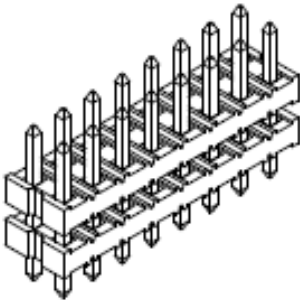
Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Header, Dual Row Dual Body, Through Hole, Vertical, 12 Circuits, 0.38µm Gold (Au) Selective Plating, 8.18mm Stacking Height, Pocket Tray Packaging, Lead-Free



Series image - Reference only

- Documents:
- Drawing (PDF)

Packaging Specification PK-89990-487-001 (PDF)
- Product Specification PS-87761-100-001 (PDF)

Test Summary 877610000-TS-000 (PDF)
- Packaging Specification PK-87761-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

PCB Headers

Series

87761

Application

Board-to-Board, Signal

CURRENT-MAX-NUMERIC

2.0

Overview

Milli-Grid Connector System

PITCH-MATING-NUMERIC

2.00

Product Name

Dual Body, Milli-Grid

UPC

756054582220

Physical

Breakaway

Yes

Circuits (Loaded)

12

Circuits (maximum)

12

Color - Resin

Black

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Capable

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

None

Mated Height

5.46mm

Material - Metal

Copper Alloy

Material - Plating Mating

Gold

Material - Plating Termination

Nickel

Material - Resin

Nylon

Net Weight

665.780/mg

Number of Rows

2

Orientation

Vertical

PCB Locator

No

PCB Retention

None

Packaging Type

Tray

Pitch - Mating Interface

2.00mm

Pitch - Termination Interface

2.00mm

Plating min - Mating

0.381µm

Polarized to Mating Part

No

Polarized to PCB

No

Shrouded

No

Stackable

No

Temperature Range - Operating

-55° to +105°C

Termination Interface: Style

Through Hole

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

ED/71/2019 (16 July

2019)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

87761 Series

Mates With

79109 Board-to-Board Top/Bottom Entry

SMT Receptacle

**Electrical**

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

**Solder Process Data**

|                                                |      |
|------------------------------------------------|------|
| Duration at Max. Process Temperature (seconds) | 010  |
| Lead-freeProcess Capability                    | WAVE |
| Max. Cycles at Max. Process Temperature        | 003  |
| Process Temperature max. C                     | 260  |

**Material Info**

**Reference - Drawing Numbers**

|                         |                                    |
|-------------------------|------------------------------------|
| Packaging Specification | PK-87761-001-001, PK-89990-487-001 |
| Product Specification   | PS-87761-100-001                   |
| Sales Drawing           | SD-87761-052-001                   |
| Test Summary            | 877610000-TS-000                   |

This document was generated on 10/07/2019

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[87761-0008](#)