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Part Number: [0877620006](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: Milli-Grid Header, Dual Row Dual Body, Surface Mount, Vertical, 24 Circuits, 0.38µm Gold (Au) Selective Plating, 12.70mm Stacking Height, without Cap or Peg, Tray Packaging, Lead-Free

Documents:

| | |
|--|--|
| Drawing (PDF) | Packaging Specification PK-89990-476-001 (PDF) |
| Product Specification PS-87761-100-001 (PDF) | Packaging Specification PK-89990-484-001 (PDF) |
| Application Specification 503940001-AS-000 (PDF) | Packaging Specification PK-89990-485-001 (PDF) |
| Packaging Specification PK-151033-0001-001 (PDF) | Packaging Specification PK-89990-487-001 (PDF) |
| Packaging Specification PK-87858-300-000 (PDF) | Test Summary 877610000-TS-000 (PDF) |
| Packaging Specification PK-89990-475-001 (PDF) | RoHS Certificate of Compliance (PDF) |

General

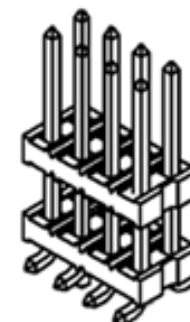
| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 87762 |
| Application | Board-to-Board, Signal |
| Overview | Milli-Grid Connector System |
| Product Name | Dual Body, Milli-Grid |
| UPC | 756054908921 |

Physical

| | |
|--------------------------------|----------------|
| Breakaway | Yes |
| Circuits (Loaded) | 24 |
| Circuits (maximum) | 24 |
| 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 | 7.90mm |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 1.100/g |
| 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 | Surface Mount |

Electrical

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[87762](#) Series

Mates With

[79107](#) Board-to-Board Top Entry Through Hole Receptacle, [79108](#) Board-to-Board FFC/FPC Top Entry Through Hole Receptacle, [79109](#) Board-to-Board Top/Bottom Entry SMT Receptacle, [87381](#) Board-to-Board Top Entry SMT Receptacle

Solder Process Data

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

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|---|
| Application Specification | 503940001-AS-000 |
| Packaging Specification | PK-151033-0001-001, PK-87858-300-000, PK-89990-475-001, PK-89990-476-001, PK-89990-484-001, PK-89990-485-001, PK-89990-487-001 |
| Product Specification | PS-87761-100-001 |
| Sales Drawing | SD-87762-175-001 |
| Test Summary | 877610000-TS-000 |

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