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**Part Number:** [0877620010](#)  
**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:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-89990-476-001 (PDF)</a>
<a href="#">Product Specification PS-87761-100-001 (PDF)</a>	<a href="#">Packaging Specification PK-89990-484-001 (PDF)</a>
<a href="#">Application Specification 503940001-AS-000 (PDF)</a>	<a href="#">Packaging Specification PK-89990-485-001 (PDF)</a>
<a href="#">Packaging Specification PK-151033-0001-001 (PDF)</a>	<a href="#">Packaging Specification PK-89990-487-001 (PDF)</a>
<a href="#">Packaging Specification PK-87858-300-000 (PDF)</a>	<a href="#">Test Summary 877610000-TS-000 (PDF)</a>
<a href="#">Packaging Specification PK-89990-475-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

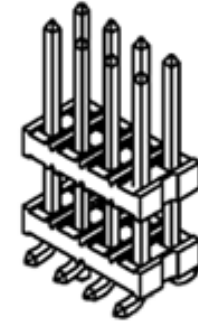
Product Family	PCB Headers
Series	<a href="#">87762</a>
Application	Board-to-Board, Signal
Overview	<a href="#">Milli-Grid Connector System</a>
Product Name	Dual Body, Milli-Grid
UPC	756054908938

**Physical**

Breakaway	Yes
Circuits (Loaded)	26
Circuits (maximum)	26
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	1.170/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(2020)4578-DC (25  
June 2020)

**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

This document was generated on 07/14/2020

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