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Part Number: [0877621654](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: Milli-Grid Header, Dual Row Dual Body, Surface Mount, Vertical, 16 Circuits, 0.75µm Gold (Au) Selective Plating, 5.10mm Stacking Height, with Pick-and-Place Cap, without Peg, Embossed Tape on Reel Packaging, Lead-Free

Documents:

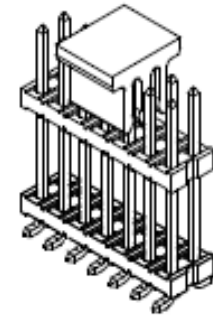
Drawing (PDF)	Packaging Specification PK-89990-476-001 (PDF)
Product Specification PS-87761-100-001 (PDF)	Packaging Specification PK-89990-484-001 (PDF)
Application Specification 503940001-AS-000 (PDF)	Packaging Specification PK-89990-485-001 (PDF)
Packaging Specification PK-151033-0001-001 (PDF)	Packaging 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
Taxonomy	PCB Headers and Receptacles
UPC	822350977951

Physical

Breakaway	Yes
Circuits (Loaded)	16
Circuits (maximum)	16
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	4.90mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.976/g
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	2.032µm
Polarized to Mating Part	No
Polarized to PCB	No
Robotic Placement	Pick and Place Cap
Shrouded	No
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

Electrical

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

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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