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Part Number: [0877621655](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: Milli-Grid Header, Dual Row Dual Body, Surface Mount, Vertical, 16 Circuits, 0.05µm Gold (Au) Selective Plating, 5.10mm Stacking Height, with Pick-and-Place Cap, without Peg, Embossed Tape on Reel Packaging, Lead-Free

Documents:

3D Model	Packaging Specification PK-89990-475-001 (PDF)
3D Model (PDF)	Packaging Specification PK-89990-476-001 (PDF)
Drawing (PDF)	Packaging Specification PK-89990-484-001 (PDF)
Product Specification PS-87761-100-001 (PDF)	Packaging Specification PK-89990-485-001 (PDF)
Application Specification 503940001-AS-000 (PDF)	Packaging Specification PK-89990-487-001 (PDF)
Packaging Specification PK-151033-0001-001 (PDF)	Test Summary 877610000-TS-000 (PDF)
Packaging Specification PK-87858-300-000 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

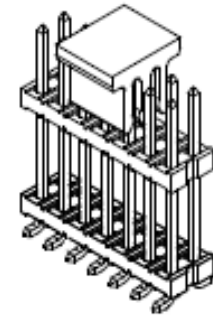
UL E29179

General

Product Family PCB Headers
 Series [87762](#)
 Application Board-to-Board, Signal
 Overview [Milli-Grid Connector System](#)
 Product Name Dual Body, Milli-Grid
 UPC 884982967731

Physical

Breakaway Yes
 Circuits (Loaded) 16
 Circuits (maximum) 16
 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 4.90mm
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 1.282/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2020)9139-DC (19
 Jan 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

Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount

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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