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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-89990-484 \(PDF\)](#)
[Product Specification PS-87761-100 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	<u>87762</u>
Application	Board-to-Board, Signal
Overview	<u>Milli-Grid™ Connector System</u>
Product Name	Dual Body, Milli-Grid™
UPC	822350977951

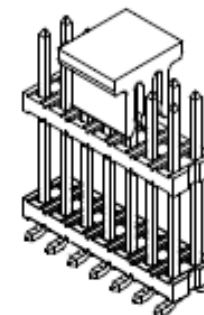
Physical

Breakaway	Yes
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Compliant	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°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

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

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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

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

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-89990-484
Product Specification	PS-87761-100
Sales Drawing	SD-87762-175

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