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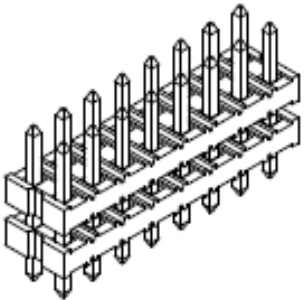
Part Number: [0877610006](#)
Status: **Active**
Overview: Milli-Grid Connector System
Description: Milli-Grid Header, Dual Row Dual Body, Through Hole, Vertical, 4 Circuits, 0.38µm Gold (Au) Selective Plating, 8.18mm Stacking Height, Pocket Tray Packaging, Lead-Free

Documents:
[Drawing \(PDF\)](#) [Packaging Specification PK-89990-487-001 \(PDF\)](#)
[Product Specification PS-87761-100-001 \(PDF\)](#) [Test Summary 877610000-TS-000 \(PDF\)](#)
[Packaging Specification PK-87761-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
UL E29179

General
Product Family PCB Headers
Series [87761](#)
Application Board-to-Board, Signal
CURRENT-MAX-NUMERIC 2.0
Overview Milli-Grid Connector System
PITCH-MATING-NUMERIC 2.00
Product Name Dual Body, Milli-Grid
UPC 756054581704

Physical
Breakaway Yes
Circuits (Loaded) 4
Circuits (maximum) 4
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 5.46mm
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Nickel
Material - Resin Nylon
Net Weight 0.189/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 Through Hole



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/71/2019 (16 July
2019)
Halogen-Free
Status
Not Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[87761](#) Series

Mates With
[79109](#) Board-to-Board Top/Bottom Entry
SMT Receptacle

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	250

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-87761-001-001, PK-89990-487-001
Product Specification	PS-87761-100-001
Sales Drawing	SD-87761-052-001
Test Summary	877610000-TS-000

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