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Part Number:

0877612001

Status:

Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Header, Dual Row Dual Body, Through Hole, Vertical, 20 Circuits, 0.75µm Gold (Au) Selective Plating, 14.50mm Stacking Height, Tray Packaging, Lead-Free

- Documents:
- 3D Model

Packaging Specification PK-87761-001-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-89990-487-001 (PDF)
- 3D Model (PDF)

Test Summary 877610000-TS-000 (PDF)
- Product Specification PS-87761-100-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification 503940001-AS-000 (PDF)

Agency Certification

UL

E29179

General

Product Family

PCB Headers

Series

87761

Application

Board-to-Board, Signal

Overview

Milli-Grid Connector System

Product Name

Dual Body, Milli-Grid

UPC

884982155275

Physical

Breakaway

Yes

Circuits (Loaded)

20

Circuits (maximum)

20

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

2.50mm

Material - Metal

Copper Alloy

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Nylon

Net Weight

1.063/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

0.762µm

Plating min - Termination

2.032µm

Polarized to Mating Part

No

Polarized to PCB

No

Shrouded

No

Stackable

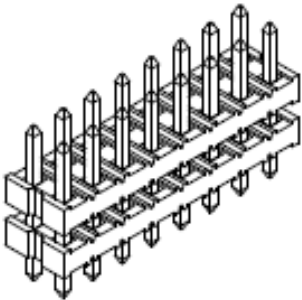
No

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 -

D(2020)4578-DC (25

June 2020)

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

Application Specification	503940001-AS-000
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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