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Part Number:

0877580617

Status:

Active

Overview:

Milli-Grid Connector System

Description:

2.00mm Pitch Milli-Grid Header, Through Hole, Vertical, 6 Circuits, 0.76µm Gold (Au)
Selective Plating, Pocket Tray Packaging, Lead-Free

Documents:

3D Model

Packaging Specification PK-89990-487-001 (PDF)

Drawing (PDF)

Test Summary 877610000-TS-000 (PDF)

Product Specification PS-87761-100-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

PCB Headers

Series

87758

3D Viewer

Yes

Application

Board-to-Board, Signal

CURRENT-MAX-NUMERIC

2.0

Overview

Milli-Grid Connector System

PITCH-MATING-NUMERIC

2.00

Product Name

Milli-Grid

UPC

822348308842

Physical

Breakaway

Yes

Circuits (Loaded)

6

Circuits (maximum)

6

Color - Resin

Black

Durability (mating cycles max)

100

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

4.00mm

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Nylon

Net Weight

0.152/g

Number of Rows

2

Orientation

Vertical

PC Tail Length

2.60mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Tray

Pitch - Mating Interface

2.00mm

Pitch - Termination Interface

2.00mm

Plating min - Mating

0.762µm

Polarized to Mating Part

No

Polarized to PCB

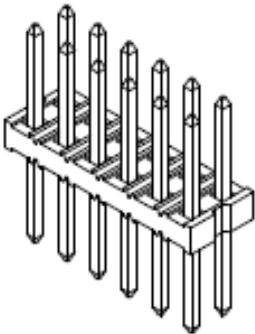
No

Shrouded

No

Stackable

No



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

87758 Series

Mates With

Milli-Grid Vertical Through Hole Receptacle
79107 , 78787 , Milli-Grid Flex-to-Board
Vertical Receptacle 79108 , Milli-Grid
Vertical Surface Mount Receptacle 79109 ,
78788 , Milli-Grid Top Entry Surface Mount
Receptacle 87381 , Milli-Grid Crimp Housing
51110

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	2.0A
Voltage - Maximum	125V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	003
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	250
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-89990-487-001
Product Specification	PS-87761-100-001
Sales Drawing	SD-87758-107-001
Test Summary	877610000-TS-000

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