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Part Number:

0877594415

Status:

Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Header, Surface Mount, Vertical, 44 Circuits, 0.76µm Gold (Au) Selective Plating, without Press-fit Plastic Pegs, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-87761-100 (PDF)

Packaging Specification PK-89990-475-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Overview

Product Name

UPC

PCB Headers

87759

Board-to-Board, Signal

Milli-Grid Connector System

Milli-Grid

822348311743

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Mated Height

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Temperature Range - Operating

Termination Interface: Style

Yes

44

44

Black

100

No

94V-0

No

No

None

None

3.80mm

Phosphor Bronze

Gold

Tin

High Temperature Thermoplastic

0.963/g

2

Vertical

No

None

Tube

2.00mm

2.00mm

0.762µm

No

No

No

Yes

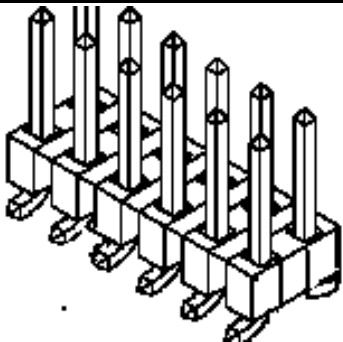
-55°C to +105°C

Surface Mount

Electrical

Current - Maximum per Contact

2.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

87759 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

Voltage - Maximum	125V
Solder Process Data	
Lead-freeProcess Capability	REFLOW
Process Temperature max. C	250
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-89990-475-001
Product Specification	PS-87761-100
Sales Drawing	SD-87759-117

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