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Part Number:

0877582416

Status:

Active

Overview:

Milli-Grid™ Connector System

Description:

2.00mm Pitch Milli-Grid™ Header, Through Hole, Vertical, 24 Circuits, 0.38µm Gold (Au) Selective Plating, Pocket Tray Packaging, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-87761-100 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Overview

Product Name

UPC

PCB Headers

87758

Board-to-Board, Signal

Milli-Grid™ Connector System

Milli-Grid™

822348273607

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

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

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Yes

24

24

Black

100

No

94V-0

No

No

None

None

4.00mm

Phosphor Bronze

Gold

Tin

Nylon

0.598/g

2

Vertical

2.60mm

No

None

1.60mm

Tray

2.00mm

2.00mm

0.381µm

No

No

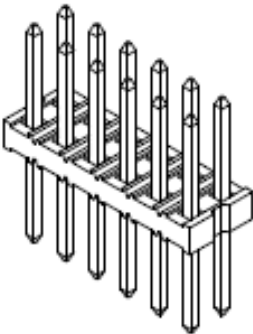
No

No

Yes

-55°C to +105°C

Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014

December 17): No

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

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](#)

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

Product Specification	PS-87761-100
Sales Drawing	SD-87758-107

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