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Part Number:

87760-1416

Status:

Active

Overview:

Milli-Grid™ Connector System

Description:

2.00mm Pitch Milli-Grid™ Header, Right Angle, Through Hole, 14 Circuits, 0.38µm Gold (Au) Selective Plating, Tray, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-87761-100 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Comments

Overview

Product Name

UPC

PCB Headers

87760

Board-to-Board, Signal, Wire-to-Board

Lead-Free version of 87049 series

Milli-Grid™ Connector System

Milli-Grid™

822348271757

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

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

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

No

14

14

Black

No

94V-0

No

No

None

None

4.00mm

Phosphor Bronze

Gold

Tin

High Temperature Thermoplastic

0.562/g

2

Right Angle

2.60mm

No

None

1.60mm

Tray

2.00mm

2.00mm

0.381µm

1.905µm

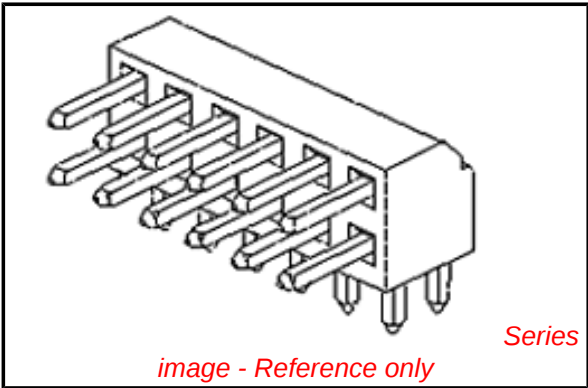
No

No

No

Yes

Yes



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

87760Series

Mates With

79107 Milli-Grid™ Receptacle, Vertical, Through Hole, 79108 Milli-Grid™ Flex-to-Board, Vertical Receptacle, Milli-Grid™ Receptacle, Surface Mount, 79109 , 87381

Temperature Range - Operating

Termination Interface: Style

-55°C to +105°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

2A

125V

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-free Process Capability

Max. Cycles at Max. Process Temperature

Process Temperature max. C

14

Wave Capable (TH only)

1

265

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-87761-100

SD-87760-109

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