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Part Number:

0877582050

Status:

Active

Overview:

Milli-Grid Connector System

Description:

2.00mm Pitch Milli-Grid Header, Through Hole, Vertical, 20 Circuits, 0.38µm Gold (Au)
Selective Plating, Tray Packaging, Lead-Free

Documents:

3D Model

Drawing (PDF)

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

Packaging Specification PK-89990-487-001 (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

822348310715

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

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

20

20

Black

100

No

94V-0

No

No

None

None

5.50mm

Phosphor Bronze

Gold

Tin

Nylon

0.533/g

2

Vertical

2.60mm

No

None

1.60mm

Tray

2.00mm

2.00mm

0.381µm

No

No

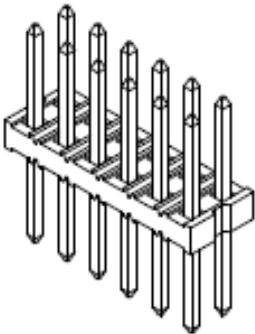
No

No

Yes

-55° to +105°C

Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

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

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-87758-112-001

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