

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0873682425

Status:

Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Receptacle, Surface Mount, Side Entry, 0.76µm Gold (Au) Plating, 24 Circuits, Lead-Free

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

87368

Application

Board-to-Board, Signal

Overview

Milli-Grid Connector System

Product Literature Order No

987650-1991

Product Name

Milli-Grid

UPC

822348478064

Physical

Circuits (Loaded)

24

Circuits (maximum)

24

Color - Resin

Black

Durability (mating cycles max)

25

Flammability

94V-0

Glow-Wire Capable

No

Lock to Mating Part

None

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Nylon

Net Weight

0.792/g

Number of Rows

2

Orientation

Right Angle

PCB Locator

Yes

PCB Retention

Yes

Packaging Type

Tube

Pitch - Mating Interface

2.00mm

Plating min - Mating

0.762µm

Plating min - Termination

2.540µm

Polarized to PCB

Yes

Surface Mount Compatible (SMC)

N/A

Temperature Range - Operating

-55° to +105°C

Termination Interface: Style

Surface Mount

Electrical

Current - Maximum per Contact

1.0A

Voltage - Maximum

125V

Solder Process Data

Duration at Max. Process Temperature (seconds)

014

Lead-freeProcess Capability

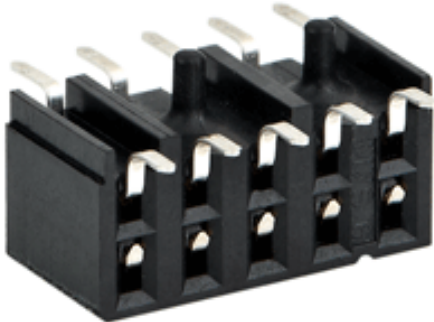
REFLOW

Max. Cycles at Max. Process Temperature

001

Process Temperature max. C

265



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

87368 Series

Mates With

87758 Vertical Through Hole PCB Headers,  
87759 Vertical Surface Mount PCB Headers,  
87760 Right Angle Through Hole PCB  
Headers

**Material Info**

**Reference - Drawing Numbers**  
Sales Drawing

SD-87368-\*\*20

This document was generated on 10/08/2018

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

87368-2425