

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0873810674

Status:

Active

Overview:

Milli-Grid™ Connector System

Description:

2.00mm Pitch Milli-Grid™ Receptacle, Surface Mount, Top Entry, 0.38µm Gold (Au) Plating, without Cover, without Locating Pegs, 6 Circuits, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-87380-002-001 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

87381

Application

Board-to-Board, Signal

Comments

Without Cover

Overview

Milli-Grid™ Connector System

Product Literature Order No

987650-1991

Product Name

Milli-Grid™

UPC

822348482290

Physical

Circuits (Loaded)

6

Circuits (maximum)

6

Color - Resin

Black

Durability (mating cycles max)

25

Flammability

94V-0

Glow-Wire Compliant

No

Lock to Mating Part

None

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

0.168/g

Number of Rows

2

Orientation

Vertical

PCB Locator

No

PCB Retention

None

Packaging Type

Tube

Pitch - Mating Interface

2.00mm

Pitch - Termination Interface

2.00mm

Plating min - Mating

0.381µm

Plating min - Termination

1.270µm

Polarized to PCB

No

Stackable

Yes

Surface Mount Compatible (SMC)

N/A

Temperature Range - Operating

-55°C to +105°C

Termination Interface: Style

Surface Mount

Electrical

Current - Maximum per Contact

1.9A

Voltage - Maximum

125V

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

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

RoHS Phthalates

Not Contained

Search Parts in this Series

87381 Series

Mates With

87758 Vertical, Through Hole, Stackable
PCB Header, 87759 Vertical, Surface
Mount, Stackable PCB Header, 87760
Right Angle, Through Hole, Stackable PCB
Header, 87831 Vertical, Through Hole PCB
Header, 87832 Vertical, Surface Mount PCB

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-87380-002-001
SD-87381-**6*

This document was generated on 02/08/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION