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Part Number: [0873684224](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: [Milli-Grid™ Receptacle, Surface Mount, Side Entry, 0.38µm Gold \(Au\) Plating, 42 Circuits, Lead-Free](#)

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#) [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 822348478231

Physical

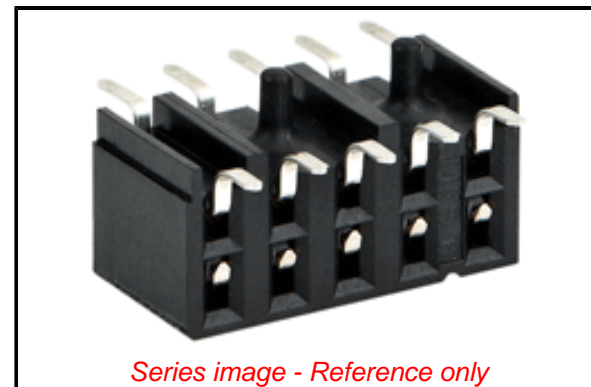
Circuits (Loaded) 42
 Circuits (maximum) 42
 Color - Resin Black
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part None
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 1.377/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 0.381µm
 Plating min - Termination 2.540µm
 Polarized to PCB 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 1.0A
 Voltage - Maximum 125V

Solder Process Data

Duration at Max. Process Temperature (seconds) 014
 Lead-free Process 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

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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 07/25/2017

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