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Part Number: [87368-4224](#)
Status: **Active**
Overview: Milli-Grid™ Connector System
Description: 2.00mm Pitch 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

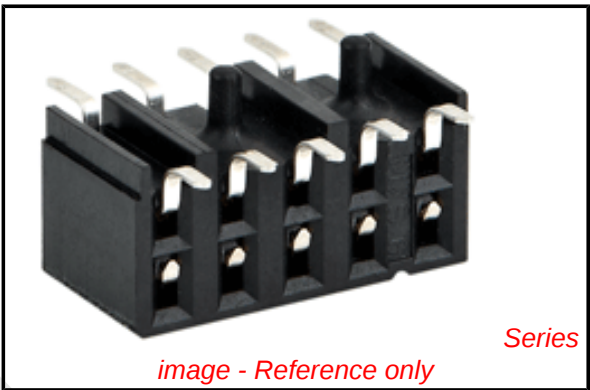
Circuits (Loaded) 42
Circuits (maximum) 42
Color - Resin Black
Durability (mating cycles max) 25
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part None
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 1.377/g
Number of Rows 2
Orientation 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 1A
Voltage - Maximum 125V

Solder Process Data

Duration at Max. Process Temperature (seconds) 14
Lead-free Process Capability Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 265



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
87368Series

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

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THE ONLINE DISTRIBUTOR OF ELECTRONIC COMPONENTS

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