

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [87368-1826](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: Milli-Grid™ Receptacle, Surface Mount, Side Entry, 0.25µm Gold (Au) Plating, 18 Circuits, Lead-Free

Documents:

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

General

| | |
|----------------|--|
| Product Family | PCB Receptacles |
| Series | 87368 |
| Application | Board-to-Board, Signal |
| Overview | Milli-Grid™ Connector System |
| Product Name | Milli-Grid™ |
| UPC | 884982818651 |

Physical

| | |
|--------------------------------|-----------------|
| Circuits (Loaded) | 18 |
| Circuits (maximum) | 18 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| 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 | 0.564/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| PCB Locator | Yes |
| PCB Retention | Yes |
| Packaging Type | Tube |
| Pitch - Mating Interface | 2.00mm |
| Polarized to PCB | No |
| 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 |

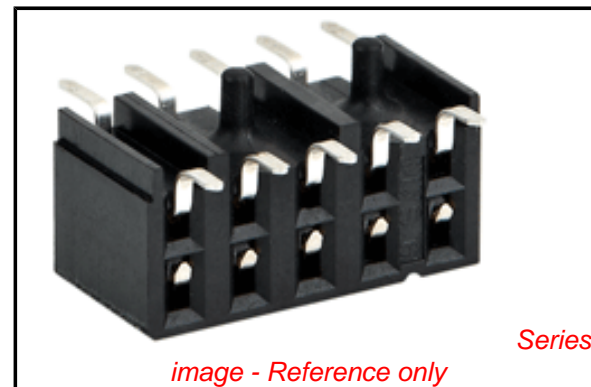
Solder Process Data

| | |
|--|---------------------------|
| 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 |

Material Info

Reference - Drawing Numbers

| | |
|---------------|---------------|
| Sales Drawing | SD-87368-**20 |
|---------------|---------------|



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](#)

This document was generated on 10/16/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION