

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0875685043](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: Milli-Grid Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 50 Circuits, 0.38µm Gold (Au) Selective Plating, with Center Polarization Key, without Locking Friction Ramp

Documents:

[3D Model](#) [Packaging Specification PK-87568-0001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-87568-004-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family IDT and Solder Connectors
 Series [87568](#)
 Crimp Quality Equipment Yes
 Overview [Milli-Grid Connector System](#)
 Product Name Milli-Grid
 UPC 822348458332
 Use With [87569-1050](#) Strain Relief (Optional)

Physical

Circuits (Loaded) 50
 Circuits (maximum) 50
 Color - Resin Black
 Durability (mating cycles max) 100
 Flammability 94V-0
 Gender Female
 Glow-Wire Capable No
 Lock to Mating Part None
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Resin Polyester
 Net Weight 2.721/g
 Number of Rows 2
 Packaging Type Tray
 Panel Mount No
 Pitch - Mating Interface 2.00mm
 Polarized to Mating Part Yes
 Stackable No
 Temperature Range - Operating -20° to +85°C
 Termination Interface: Style IDT or Pierce
 Wire Size AWG 28

Electrical

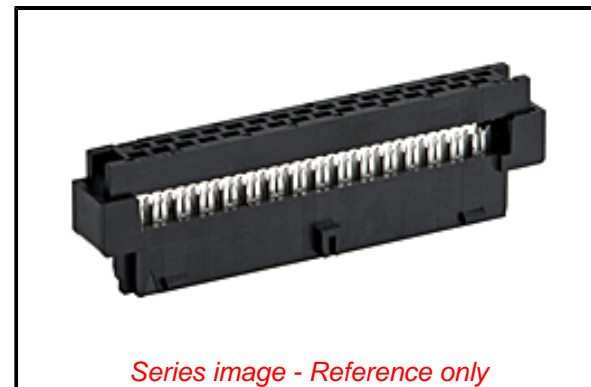
Current - Maximum per Contact 1.0A
 Voltage - Maximum 125V

Solder Process Data

Lead-free Process Capability N/A

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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

[87568](#) Series

Mates With

[87831](#) Vertical PCB Header, [87832](#) Surface Mount PCB Header, [87833](#) Right Angle PCB Header

Packaging Specification
Product Specification
Sales Drawing

PK-87568-0001-001
PS-87568-004-001
SD-87568-003-001

This document was generated on 10/18/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[87568-5043](#)