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Part Number: [0875684443](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: [Milli-Grid™ Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 44 Circuits, 0.38µm Gold \(Au\) Selective Plating, with Center Polarization Key, without Locking Friction Ramp](#)

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family IDT and Solder Connectors
 Series [87568](#)
 Crimp Quality Equipment Yes
 MolexKits Yes
 Overview [Milli-Grid™ Connector System](#)
 Product Name Milli-Grid™
 UPC 822348458257
 Use With [87569-1044](#) Strain Relief (Optional)

Physical

Circuits (Loaded) 44
 Circuits (maximum) 44
 Color - Resin Black
 Durability (mating cycles max) 100
 Flammability 94V-0
 Gender Female
 Glow-Wire Compliant No
 Lock to Mating Part None
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Resin Polyester
 Net Weight 2.495/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°C to +85°C
 Termination Interface: Style IDT or Pierce
 Wire Size AWG 28

Electrical

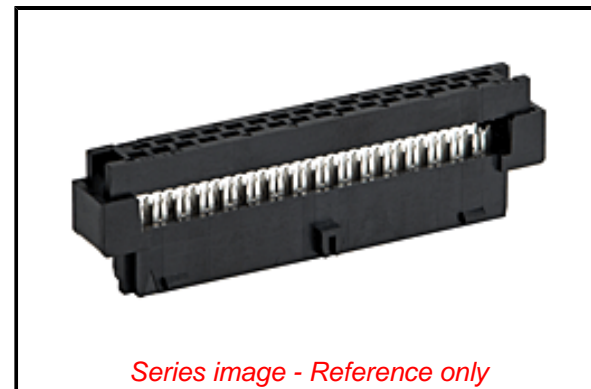
Current - Maximum per Contact 1.0A
 Voltage - Maximum 125V

Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers



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	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

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