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Part Number: [0875684043](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: [Milli-Grid Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 40 Circuits, 0.38µm Gold \(Au\) Selective Plating, with Center Polarization Key, without Locking Friction Ramp](#)

Documents:

[3D Model](#) [Application Specification 503940002-AS-000 \(PDF\)](#)
[3D Model \(PDF\)](#) [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 822348458172
 Use With [875691040](#) Strain Relief (Optional)

Physical

Circuits (Loaded) 40
 Circuits (maximum) 40
 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 2.198/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

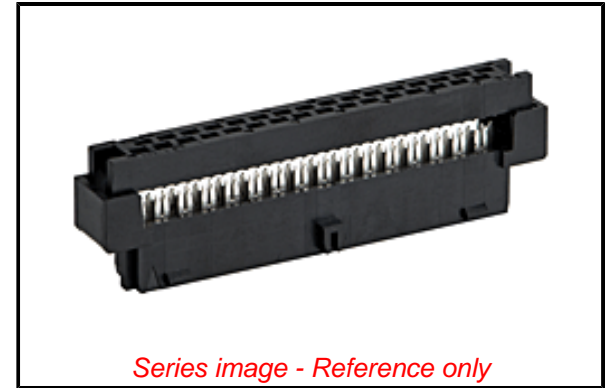
Electrical

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

Solder Process Data

Lead-freeProcess Capability N/A

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2021)4569-DC (8
 July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

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

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

| Description | Product # |
|---|---------------------------|
| IDT - Manual - Handtool | 621002000 |
| Manual Press with IDT Ribbon Cable Tool Kit | 621002200 |
| IDT Ribbon Cable Adapter Kit for 2.00mm | 621002400 |

Reference - Drawing Numbers

| | |
|---------------------------|-------------------|
| Application Specification | 503940002-AS-000 |
| Packaging Specification | PK-87568-0001-001 |
| Product Specification | PS-87568-004-001 |
| Sales Drawing | SD-87568-003-001 |

IDT - Manual - Tool 621003200
Kit

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