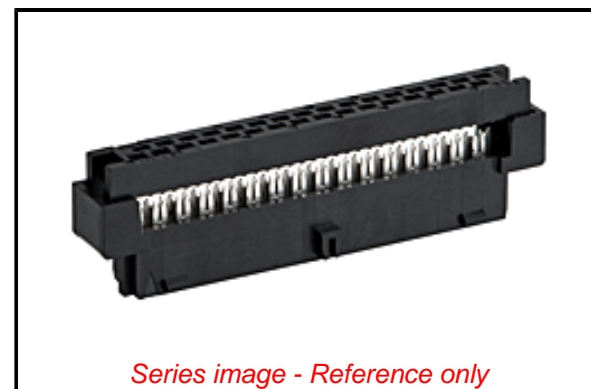


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Part Number: [0875681693](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: [Milli-Grid Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 16 Circuits, 0.38µm Gold \(Au\) Selective Plating, with Center Polarization Key and 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 | 822348457670 |
| Use With | 875691016 Strain Relief (Optional) |

Physical

| | |
|--------------------------------|---------------|
| Circuits (Loaded) | 16 |
| Circuits (maximum) | 16 |
| Color - Resin | Black |
| Durability (mating cycles max) | 100 |
| Flammability | 94V-0 |
| Gender | Female |
| Glow-Wire Capable | No |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Resin | Polyester |
| Net Weight | 1.035/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

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Not Low-Halogen

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

| | |
|-----------------|---------------|
| China ROHS | Green Image |
| ELV | Compliant |
| 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

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 |

Application Specification
Packaging Specification
Product Specification
Sales Drawing

503940002-AS-000
PK-87568-0001-001
PS-87568-004-001
SD-87568-003-001

IDT - Manual - Tool [621003200](#)
Kit

This document was generated on 03/22/2021

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