



**Part Number :** [875681663](#)  
**Product Description :** Milli-Grid Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 16 Circuits, 0.38µm Gold (Au) Selective Plating, without Center Polarization Key and Locking Friction Ramp  
**Series Number :** 87568  
**Status :** Active  
**Product Category :** Connector Housings



Documents & Resources


**Drawings**  
[875681663\\_sd.pdf](#)  
[PK-87568-0001-001.pdf](#)

**3D Models and Design Files**  
[875681663\\_stp.zip](#)

**Specifications**  
[503940002-AS-000.pdf](#)  
[PS-87568-004-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

- Multiple Part Product Compliance Statements
- Eu RoHS
  - REACH SVHC
  - Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Connector Housings
Series	87568
Description	Milli-Grid Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 16 Circuits, 0.38µm Gold (Au) Selective Plating, without Center Polarization Key and Locking Friction Ramp
Product Name	Milli-Grid
UPC	822348457632

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

Voltage - Maximum	125V
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#### 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	None

Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	Polyester
Net Weight	0.975/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	-45° to +105°C
Termination Interface Style	IDT or Pierce
Wire Size (AWG)	28

#### Solder Process Data

Lead-Free Process Capability	N/A
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#### Mates With / Use With

##### Mates with Part(s)

Description	Part Number
Milli-Grid Vertical, Dual Row, Through Hole Headers	<u>87831</u>
Milli-Grid Vertical, Dual Row, Surface Mount Headers	<u>87832</u>
Milli-Grid Right-Angle Dual Row Through Hole Headers	<u>87833</u>

##### Use with Part(s)

Description	Part Number
2.00mm Strain Relief for Dual Row IDT, 16 Circuits	<u>875691016</u>

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#### Application Tooling

##### Global

Description	Part Number
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IDT - Manual - Handtool	<u>621002000</u>
Manual Press with IDT Ribbon Cable Tool Kit	<u>621002200</u>
IDT Ribbon Cable Adapter Kit for 2.00mm	<u>621002400</u>
IDT - Manual - Tool Kit	<u>621003200</u>

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This document was generated on Mar 09, 2025