



Part Number : 875681073

Product Description : Milli-Grid Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 10 Circuits, 0.38µm Gold (Au) Selective Plating, without Center Polarization Key, with Locking Friction Ramp  
Status : Active

Series Number : 87568  
Product Category : Connector Housings

Documents & Resources


Drawings  
Drawing 875681073\_sd.pdf  
Packaging Design Drawing PK-87568-0001-001.pdf

3D Models and Design Files  
3D Model 875681073\_stp.zip

Specifications  
Application Specification 503940002-AS-000.pdf  
Product Specification PS-87568-004-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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, 10 Circuits, 0.38µm Gold (Au) Selective Plating, without Center Polarization Key, with Locking Friction Ramp
Product Family	Milli-Grid Connector System
Product Name	Milli-Grid
UPC	822348456376

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

Voltage - Maximum	125V
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#### Physical

Circuits (Loaded)	10
Circuits (maximum)	10
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	0.723/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><a href="#">87831</a></u>
Milli-Grid Vertical, Dual Row, Surface Mount Headers	<u><a href="#">87832</a></u>
Milli-Grid Right-Angle Dual Row Through Hole Headers	<u><a href="#">87833</a></u>

##### Use with Part(s)

Description	Part Number
2.00mm Strain Relief for Dual Row IDT, 10 Circuits	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/875691010.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/875691010.html</a></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>