



Part Number : 714393364

Series Number : 71439

Product Category : Board-to-Board  
Connectors

Product Description : 1.00mm Mezz (IEEE 1386) Receptacle, Surface Mount, Dual Row, Vertical Stacking, Tube, 0.76µm Gold (Au), 64 Circuits Pick and Place Cap

Status : Active

Documents & Resources

Drawings

- Drawing 714393364\_sd.pdf
- Packaging Design Drawing PK-70873-063-001.pdf
- Packaging Design Drawing PK-70873-0693-001.pdf

3D Models and Design Files


- 3D Model 714393364\_stp.zip

Specifications

- Product Specification PS-71436-9999-001.pdf

Product Environment Compliance

Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant  |
| China RoHS         |  |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Not Contained per D(2023)8585-DC (23 Jan 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       | Board-to-Board Connectors  |
| Series         | 71439  |
| Description    | 1.00mm Mezz (IEEE 1386)<br>Receptacle, Surface Mount, Dual<br>Row, Vertical Stacking, Tube,<br>0.76µm Gold (Au), 64 Circuits Pick<br>and Place Cap |
| Application    | Board-to-Board, Signal   |
| Component Type | PCB Receptacle   |
| Product Family | 1.00mm Mezzanine (IEEE 1386)   |
| Product Name   | 1.00mm Mezzanine (IEEE 1386)   |
| UPC            | 800754687805   |

#### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

#### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.0A |
| Voltage - Maximum             | 100V |

#### Physical

|                     |         |
|---------------------|---------|
| Circuits (Loaded)   | 64      |
| Circuits (maximum)  | 64      |
| Color - Resin       | Natural |
| Flammability        | 94V-0   |
| Glow-Wire Capable   | No      |
| Lock to Mating Part | Yes     |

|                                |                                |
|--------------------------------|--------------------------------|
| Mated Height                   | 14.00mm, 15.00mm               |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 1.600/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| Packaging Type                 | Tube                           |
| PCB Locator                    | Yes                            |
| PCB Retention                  | None                           |
| PCB Thickness - Recommended    | 1.60mm                         |
| Pitch - Mating Interface       | 1.00mm                         |
| Plating min - Mating           | 0.762µm                        |
| Plating min - Termination      | 1.905µm                        |
| Polarized to PCB               | No                             |
| Robotic Placement              | Pick and Place Cap             |
| Temperature Range - Operating  | -55° to +85°C                  |
| Termination Interface Style    | Surface Mount                  |

Solder Process Data

|                              |        |
|------------------------------|--------|
| Lead-Free Process Capability | REFLOW |
| Max-Temp                     | 260    |

Mates With / Use With

Mates with Part(s)

|  |              |
|--|--------------|
| Description                            | Part Number  |
| 1.00mm Mezz (IEEE 1386) Vertical Plugs | <u>71436</u> |