**Part Number :** 714362164
**Product Description :** 1.00mm Mezz (IEEE 1386) Plug, Surface Mount, Dual Row, Vertical Stacking, 64 Circuits, 8.35mm Unmated Height, with PCB Locator Pegs, without Robotic Placement Metal Cap, 0.76µm Gold (Au) Selective Plating,  Tube
**Series Number :** 71436
**Status :** Active
**Product Category :** Board-to-Board Connectors



## Documents and Resources

### Drawings

714362164_sd.pdf

PK-70873-0607-001.pdf

PK-70873-063-001.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

PS-71436-9999-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 44; 34; 33 |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

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Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Board-to-Board Connectors |
| Series | 71436 |
| Description | 1.00mm Mezz (IEEE 1386) Plug, Surface Mount, Dual Row, Vertical Stacking, 64 Circuits, 8.35mm Unmated Height, with PCB Locator Pegs, without Robotic Placement Metal Cap, 0.76µm Gold (Au) Selective Plating, Tube |
| Application | Board-to-Board, Mezzanine |
| Component Type | Plug |
| Product Name | 1.00mm Mezzanine (IEEE 1386) |
| UPC | 800753677814 |

### Agency

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

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 1.0A |

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| | |
|---|---|
| Voltage - Maximum | 100V |

## Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 64 |
| Circuits (maximum) | 64 |
| Color - Resin | Natural |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Lock to Mating Part | No |
| Mated Height | 10.00mm, 12.00mm, 13.00mm, 15.00mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 1.402/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Tube |
| PCB Locator | Yes |
| PCB Retention | No |
| PCB Thickness - Recommended | 1.00mm |
| Pitch - Mating Interface | 1.00mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 1.905µm |
| Polarized to Mating Part | No |
| Shrouded | Shrouded |
| Stackable | No |
| Temperature Range - Operating | -55° to +85°C |
| Termination Interface Style | Surface Mount |

## Solder Process Data

| | |
|---|---|
| Max-Duration | 40 |
| Lead-Free Process Capability | REFLOW |

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| | |
|---|---|
| Max-Cycle | 3 |
| Max-Temp | 260 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| 1.00mm Mezz (IEEE 1386) Vertical Receptacles | 71439 |



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