



Part Number : [717422001](#)

Product Description : 1.00mm Mezz (IEEE 1386)
Receptacle, Surface Mount, Dual Row, Vertical
Stacking, 84 Circuits, 0.25µm Gold Plating, Tape and
Reel Packaging

Series Number : 71742

Status : Active

Product Category : Board-to-Board Connectors



Documents & Resources

Drawings

[717422001_sd.pdf](#)

[PK-70873-063-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)


[Creo](#)

Specifications

[PS-71741-9999-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| 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(2024)6225-DC (07 Nov 2024) |
| EU RoHS | Compliant per EU 2015/863 |

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

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | Board-to-Board Connectors |
| Series | 71742 |
| Description | 1.00mm Mezz (IEEE 1386) Receptacle, Surface Mount, Dual Row, Vertical Stacking, 84 Circuits, 0.25µm Gold Plating, Tape and Reel Packaging |
| Application | Board-to-Board, Signal, Mezzanine |
| Component Type | PCB Receptacle |
| Product Name | 1.00mm Mezzanine (IEEE 1386) |
| UPC | 822350550888 |

Agency

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

Electrical

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

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 84 |
| Circuits (maximum) | 84 |
| Color - Resin | Natural |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Lock to Mating Part | Yes |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 1.500/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | Yes |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Pitch - Mating Interface | 1.00mm |
| Plating min - Mating | 0.254µm |
| Plating min - Termination | 1.016µm |
| 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

| | |
|------------------------------|--------|
| Max-Duration | 40 |
| Lead-Free Process Capability | REFLOW |
| Max-Cycle | 3 |
| Max-Temp | 260 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|-------------|-------------|
| | |

| | |
|---|--------------|
| 1.00mm Mezz (IEEE 1386) Vertical Plugs | <u>71741</u> |
|---|--------------|

This document was generated on Aug 06, 2025