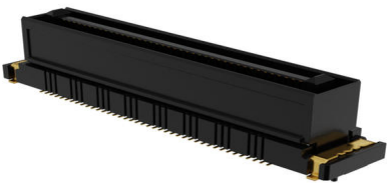




**Part Number :** [2183271180](#)  
**Product Description :** Float Stack Board-to-Board Plug, 1.00mm Pitch, 21.00-25.00mm Mated Height, 80 Circuits  
**Series Number :** 218327  
**Status :** Active  
**Product Category :** Board-to-Board Connectors



## Documents and Resources

### Drawings

- [2183271180 sd.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

### Specifications

- [2183240000-AS-000.pdf](#)
- [2183279200-SPK-200.pdf](#)
- [2183240000-PS-000.pdf](#)
- [2183240000-TS-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(2025)7771-DC (04 Feb 2026) |
| 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

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## Part Details

### General

|                |                                                                                        |
|----------------|----------------------------------------------------------------------------------------|
| Status         | Active                                                                                 |
| Category       | Board-to-Board Connectors                                                              |
| Series         | Floating                                                                               |
| Description    | Float Stack Board-to-Board Plug, 1.00mm Pitch, 21.00-25.00mm Mated Height, 80 Circuits |
| Application    | Board-to-Board                                                                         |
| Component Type | Plug                                                                                   |
| Product Name   | Float Stack                                                                            |
| UPC            | 198930561019                                                                           |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.0A |
| Voltage - Maximum             | 200V |

### Physical

|                                |       |
|--------------------------------|-------|
| Breakaway                      | No    |
| Circuits (Loaded)              | 80    |
| Circuits (maximum)             | 80    |
| Color - Resin                  | Black |
| Durability (mating cycles max) | 20    |
| First Mate / Last Break        | No    |

|                                |                              |
|--------------------------------|------------------------------|
| Glow-Wire Capable              | No                           |
| Guide to Mating Part           | No                           |
| Keying to Mating Part          | No                           |
| Lock to Mating Part            | No                           |
| Mated Height                   | 21.00mm, 25.00mm             |
| Material - Metal               | Copper Alloy                 |
| Material - Plating Mating      | Gold                         |
| Material - Plating Termination | Gold                         |
| Material - Resin               | Liquid Crystal Polymer (LCP) |
| Net Weight                     | 5.520/g                      |
| Number of Rows                 | 2                            |
| Orientation                    | Vertical                     |
| Packaging Type                 | Embossed Tape on Reel        |
| PCB Locator                    | Yes                          |
| PCB Retention                  | Yes                          |
| Pitch - Mating Interface       | 1.00mm                       |
| Pitch - Termination Interface  | 1.00mm                       |
| Plating min - Mating           | 0.100µm                      |
| Plating min - Termination      | 0.050µm                      |
| Polarized to Mating Part       | No                           |
| Polarized to PCB               | No                           |
| Robotic Placement              | Pick and Place Cap           |
| Temperature Range - Operating  | -40° to +130°C               |
| Termination Interface Style    | Surface Mount                |

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## Mates With / Use With

### Mates with Part(s)

| Description                                                                                  | Part Number                       |
|----------------------------------------------------------------------------------------------|-----------------------------------|
| Float Stack Board-to-Board Receptacle, 1.00mm Pitch, 23.00-26.00mm Mated Height, 80 Circuits | <u><a href="#">2183261080</a></u> |
| Float Stack Board-to-Board Receptacle, 1.00mm Pitch, 19.00-22.00mm Mated Height, 80          | <u><a href="#">2294701080</a></u> |

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