



**Part Number :** [903257008](#)  
**Product Description :** Picoflex PF-50 Header,  
Vertical, Low Profile, with PCB Pegs, 8 Circuits,  
Selective Gold (Au) Plating, Tube Packaging  
**Series Number :** 90325  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[903257008 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[908140000-AS-000.pdf](#)

[PK-90325-001-001.pdf](#)

[PS-99020-0011-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                              |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                              |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                                        |
| REACH SVHC         | Not Contained per D(2025)4165-DC (25 June 2025)                                                           |
| 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       | PCB Headers and Receptacles                                                                                          |
| Series         | 90325                                                                                                                |
| Description    | Picoflex PF-50 Header, Vertical, Low Profile, with PCB Pegs, 8 Circuits, Selective Gold (Au) Plating, Tube Packaging |
| Application    | Signal, Wire-to-Board                                                                                                |
| Comments       | Low Profile                                                                                                          |
| Component Type | PCB Header                                                                                                           |
| Product Name   | Picoflex                                                                                                             |
| UPC            | 822350245678                                                                                                         |

### Agency

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

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.2A |
| Voltage - Maximum             | 250V |

## Physical

|                                |                |
|--------------------------------|----------------|
| Breakaway                      | No             |
| Circuits (Loaded)              | 8              |
| Circuits (maximum)             | 8              |
| Color - Resin                  | Black          |
| Durability (mating cycles max) | 100            |
| First Mate / Last Break        | No             |
| Flammability                   | 94V-0          |
| Glow-Wire Capable              | No             |
| Guide to Mating Part           | No             |
| Keying to Mating Part          | None           |
| Lock to Mating Part            | Yes            |
| Material - Metal               | Brass          |
| Material - Plating Mating      | Gold           |
| Material - Resin               | Polyester      |
| Net Weight                     | 0.381/g        |
| Number of Rows                 | 1              |
| Orientation                    | Vertical       |
| Packaging Type                 | Tube           |
| PCB Retention                  | Yes            |
| PCB Thickness - Recommended    | 1.60mm         |
| Pitch - Mating Interface       | 1.27mm         |
| Pitch - Termination Interface  | 1.27mm         |
| Polarized to Mating Part       | Yes            |
| Polarized to PCB               | Yes            |
| Shrouded                       | No             |
| Stackable                      | No             |
| Temperature Range - Operating  | -40° to +105°C |
| Termination Interface Style    | Through Hole   |

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## Mates With / Use With

### Mates with Part(s)

| Description                    | Part Number  |
|--------------------------------|--------------|
| Picoflex PF-50 Low Profile IDT | <u>90327</u> |

|             |  |
|-------------|--|
| Receptacles |  |
|-------------|--|