



**Part Number :** [903270306](#)  
**Product Description :** Picoflex PF-50, Low Profile,  
IDT Receptacle, 6 Circuits, White, Tin (Sn) Plated, Bag  
**Series Number :** 90327  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

### Drawings

[903270306\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

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

[PK-90327-001-001.pdf](#)

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

## Product Environment Compliance

### Compliance

|                    |                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44                                                                               |
| 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       | Connector Housings                                                                   |
| Series         | 90327                                                                                |
| Description    | Picoflex PF-50, Low Profile, IDT Receptacle, 6 Circuits, White, Tin (Sn) Plated, Bag |
| Comments       | Low Profile                                                                          |
| Component Type | Housing                                                                              |
| Product Name   | Picoflex                                                                             |
| UPC            | 800753538115                                                                         |

### Agency

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

### Electrical

|                   |      |
|-------------------|------|
| Voltage - Maximum | 250V |
|-------------------|------|

### Physical

|                    |       |
|--------------------|-------|
| Circuits (Loaded)  | 6     |
| Circuits (maximum) | 6     |
| Color - Resin      | White |

|                                |                 |
|--------------------------------|-----------------|
| Durability (mating cycles max) | 30              |
| Entry Angle                    | Vertical        |
| Flammability                   | 94V-0           |
| Gender                         | Receptacle      |
| Glow-Wire Capable              | No              |
| Lock to Mating Part            | Yes             |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |
| Material - Resin               | Polyester       |
| Net Weight                     | 0.399/g         |
| Number of Rows                 | 2               |
| Packaging Type                 | Bag             |
| PCB Locator                    | No              |
| PCB Retention                  | None            |
| Pitch - Mating Interface       | 1.27mm          |
| Pitch - Termination Interface  | 1.27mm          |
| Polarized to Mating Part       | Yes             |
| Polarized to PCB               | No              |
| Shrouded                       | Fully           |
| Stackable                      | No              |
| Temperature Range - Operating  | -40° to +105°C  |
| Termination Interface Style    | IDT or Pierce   |
| Wire/Cable Type                | Ribbon Cable    |
| Wire Insulation Diameter       | 1.00mm max.     |
| Wire Size (AWG)                | 26, 28          |

### Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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## Mates With / Use With

### Mates with Part(s)

| Description                         | Part Number  |
|-------------------------------------|--------------|
| Picoflex PF-50 Vertical Low Profile | <u>90325</u> |

| Headers                                       |                              |
|-----------------------------------------------|------------------------------|
| Picoflex PF-50 Vertical Low Profile Headers   | <a href="#"><u>90779</u></a> |
| Picoflex PF-50 Vertical Surface Mount Headers | <a href="#"><u>90814</u></a> |

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## Application Tooling

### Global

| Description                                                                                                                | Part Number                      |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Extractor Tool for Connectors                                                                                              | <a href="#"><u>621006000</u></a> |
| Extraction Tool for Picoflex PF-50 Connectors, 4-26 Circuits                                                               | <a href="#"><u>690081070</u></a> |
| PremiumGrade Hand Crimp Tool for Picoflex PF-50 IDT Receptacle, 4-26 Circuits, 28-26 AWG Flat Cable, 1.00mm max. Thickness | <a href="#"><u>690081090</u></a> |
| Arbor Press Fixture                                                                                                        | <a href="#"><u>690201902</u></a> |
| Semi-Automatic Bench Press PB14 for 4-26 Circuit                                                                           | <a href="#"><u>691271001</u></a> |
| Semi-Automatic PB14 Bench Press with Auto De-reeling                                                                       | <a href="#"><u>691271004</u></a> |
| Assembly of De-Tape Unit for Semi-Automatic Bench Press PB14                                                               | <a href="#"><u>691275045</u></a> |