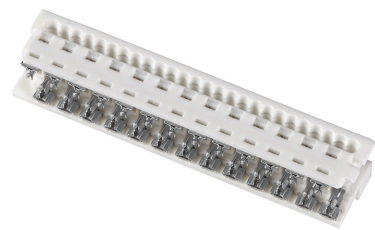




**Part Number :** [903270326](#)  
**Product Description :** Picoflex PF-50, Low Profile, IDT Receptacle, 26 Circuits, White, Tin (Sn) Plated, Bag  
**Series Number :** 90327  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources


**Drawings**  
[Drawing 903270326\\_sd.pdf](#)

**3D Models and Design Files**  
[3D Model 903270326\\_stp.zip](#)  
[3D Model PDF 903270326.pdf](#)

**Specifications**  
[Application Specification 908140000-AS-000.pdf](#)  
[Packaging Specification PK-90327-001-001.pdf](#)  
[Product Specification PS-99020-0011-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Compliant with Exemption 44   |
| China RoHS         |  |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Not Contained per D(2023)3788-DC (14 Jun 2023)  |
| EU RoHS            | Compliant per EU 2015/863   |

### [Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

### [Multiple Part Industry Compliance Documents](#)

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

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|                |   |
|----------------|---|
| Status         | Active  |
| Category       | Connector Housings  |
| Series         | 90327   |
| Description    | Picoflex PF-50, Low Profile, IDT Receptacle, 26 Circuits, White, Tin (Sn) Plated, Bag |
| Comments       | Low Profile   |
| Component Type | Housing   |
| Product Family | Picoflex Ribbon-Cable Connectors  |
| Product Name   | Picoflex  |
| UPC            | 800753673588  |

#### Agency

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

#### Electrical

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

#### Physical

|                                |          |
|--------------------------------|----------|
| Circuits (Loaded)              | 26       |
| Circuits (maximum)             | 26       |
| 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                     | 1.500/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          |

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## Mates With / Use With

### Mates with Part(s)

| Description                                   | Part Number  |
|---|--------------|
| Picoflex PF-50 Vertical Low Profile Headers   | <u>90325</u> |
| Picoflex PF-50 Vertical Low Profile Headers   | <u>90779</u> |
| Picoflex PF-50 Vertical Surface Mount Headers | <u>90814</u> |

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## Application Tooling

## Global

| Description   | Part Number       |
|---|-------------------|
| Extractor Tool for Connectors   | <u>0621006000</u> |
| Extraction Tool for Picoflex PF-50 Connectors, 4-26 Circuits  | <u>0690081070</u> |
| Extraction Tool (Steel) for 4-26 Circuit  | <u>0690081071</u> |
| Parallel Action Handtool for 4-26 Circuit   | <u>0690081080</u> |
| PremiumGrade Hand Crimp Tool for Picoflex PF-50 IDT Receptacle, 4-26 Circuits, 26 or 28 AWG Flat Cable, 1.00mm max. Thickness | <u>0690081090</u> |
| Arbor Press Fixture   | <u>0690201902</u> |
| Arbor Press Fixture   | <u>0690201908</u> |
| Semi-Automatic Bench Press PB14 for 4-26 Circuit  | <u>0691271001</u> |
| Semi-Automatic PB14 Bench Press with Auto De-reeling  | <u>0691271004</u> |
| Semi-Automatic Bench Press PB14 WG  | <u>0691271037</u> |
| Assembly of De-Tape Unit for Semi-Automatic Bench Press PB14  | <u>0691275045</u> |

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