



Part Number : [903273322](#)

Product Description : Picoflex PF-50, Low Profile, IDT Receptacle, 22 Circuits, White, Gold (Au) Plated, Bag

Series Number : 90327

Status : Active

Product Category : Connector Housings



Documents & Resources

Drawings

[903273322_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 | 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

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | Connector Housings |
| Series | 90327 |
| Description | Picoflex PF-50, Low Profile, IDT Receptacle, 22 Circuits, White, Gold (Au) Plated, Bag |
| Comments | Low Profile |
| Component Type | Housing |
| Product Name | Picoflex |
| UPC | 756054672419 |

Agency

| | |
|-----|---------|
| CSA | LR19980 |
|-----|---------|

Electrical

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

Physical

| | |
|--------------------|-------|
| Circuits (Loaded) | 22 |
| Circuits (maximum) | 22 |
| Color - Resin | White |

| | |
|--------------------------------|-----------------|
| Durability (mating cycles max) | 100 |
| Entry Angle | Vertical |
| Flammability | 94V-0 |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Lock to Mating Part | Yes |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | Polyester |
| Net Weight | 3.580/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 |

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> |
|---|--------------|

Application Tooling

Global

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