molex



**Part Number :** 903270365
**Product Description :** Picoflex PF-50, Low Profile, IDT Receptacle, 10 Circuits, White, Tin (Sn) Plated, Reeling Option C
**Series Number :** 90327
**Status :** Active
**Product Category :** Connector Housings

## Documents & Resources

### Drawings

903270365_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, 10 Circuits, White, Tin (Sn) Plated, Reeling Option C |
| Comments | Low Profile, Reeling Option C |
| Component Type | Housing |
| Product Name | Picoflex |
| UPC | 800753673014 |

### Agency

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

### Electrical

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

### Physical

| | |
|---|---|
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |

| | |
|---|---|
| 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 | 0.622/g |
| Number of Rows | 2 |
| Packaging Type | Embossed Tape on Reel |
| 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 | 90325 |
| Picoflex PF-50 Vertical Low Profile | 90779 |

| Headers | |
|---|---|
| Picoflex PF-50 Vertical Surface Mount Headers | 90814 |

## Application Tooling

## Global

| Description | Part Number |
|---|---|
| Extractor Tool for Connectors | 621006000 |
| Extraction Tool for Picoflex PF-50 Connectors, 4-26 Circuits | 690081070 |
| Semi-Automatic Bench Press PB14 for 4-26 Circuit | 691271001 |
| Semi-Automatic PB14 Bench Press with Auto De-reeling | 691271004 |
| Assembly of De-Tape Unit for Semi-Automatic Bench Press PB14 | 691275045 |