

**Part Number :** [903270310](#)

**Product Description :** Picoflex PF-50, Low Profile, IDT Receptacle, 10 Circuits, White, Tin (Sn) Plated, Bag

**Series Number :** 90327

**Status :** Active

**Product Category :** Connector Housings

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## Documents and Resources

### Drawings

[903270310\\_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](#)

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## 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)7771-DC (04 Feb 2026)
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, Bag
Comments	Low Profile
Component Type	Housing
Product Name	Picoflex
UPC	800753538139

### Agency

CSA	LR19980
UL	E29179

### Electrical

Voltage - Maximum	250V
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### 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	Bag
PCB Locator	No
PCB Retention	No
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Shrouded
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	<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>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>

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This document was generated on May 25, 2026