

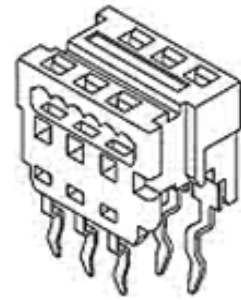
**Part Number :** [905842324](#)

**Product Description :** 1.27mm Pitch Picoflex PF-50  
IDT Receptacle, Low Profile, Board-in, 24 Circuits

**Series Number :** 90584

**Status :** Active

**Product Category :** Connector Housings



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## Documents and Resources

### Drawings

[905842324\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

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


[PK-90584-001-001.pdf](#)

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

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## 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)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

## Part Details

### General

Status	Active
Category	Connector Housings
Series	90584
Description	1.27mm Pitch Picoflex PF-50 IDT Receptacle, Low Profile, Board-in, 24 Circuits
Comments	Low Profile
Component Type	One Piece
Product Name	Picoflex
UPC	756054675410

### Agency

UL	E29179
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### Electrical

Voltage - Maximum	250V
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### Physical

Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Natural

Durability (mating cycles max)	30
Entry Angle	90° Angle
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	1.723/g
Number of Rows	2
Packaging Type	Tube - Stacked
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	1.27mm
Plating min - Mating	2.032µm
Plating min - Termination	2.032µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Shrouded
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole - Kinked Pin
Wire/Cable Type	Ribbon Cable
Wire Insulation Diameter	1.00mm max.
Wire Size (AWG)	26, 28

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## Application Tooling

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This document was generated on Apr 27, 2026