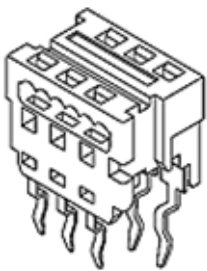




**Part Number :** [905841316](#)  
**Product Description :** 1.27mm Pitch Picoflex  
PF-50 IDT Receptacle, Low Profile, Board-in,  
16 Circuits  
**Series Number :** 90584  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources


**Drawings**  
[905841316\\_sd.pdf](#)

**3D Models and Design Files**  
[905841316\\_stp.zip](#)

**Specifications**  
[908140000-AS-000.pdf](#)  
[PK-90584-001-001.pdf](#)  
[PS-99020-0011-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
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	90584
Description	1.27mm Pitch Picoflex PF-50 IDT Receptacle, Low Profile, Board-in, 16 Circuits
Comments	Low Profile
Component Type	One Piece
Product Name	Picoflex
UPC	800753662278

#### Agency

UL	E29179
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#### Electrical

Voltage - Maximum	250V
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#### Physical

Circuits (Loaded)	16
Color - Resin	Natural
Durability (mating cycles max)	30
Entry Angle	90° Angle
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin

Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	0.997/g
Number of Rows	2
Packaging Type	Tube
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	N/A
Polarized to PCB	Yes
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

## Solder Process Data

Lead-Free Process Capability	WAVE
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## Application Tooling

### Global

Description	Part Number
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>

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This document was generated on Feb 08, 2025