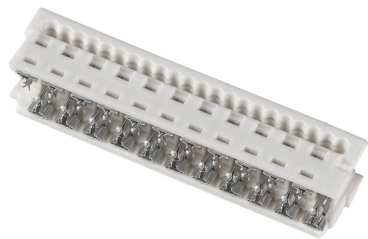




**Part Number :** [903270322](#)  
**Product Description :** Picoflex PF-50, Low Profile, IDT Receptacle, 22 Circuits, White, Tin (Sn) Plated, Bag  
**Series Number :** 90327  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources


**Drawings**  
[903270322\\_sd.pdf](#)

**3D Models and Design Files**  
[903270322\\_stp.zip](#)

**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	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
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

---

### Part Details

#### General

Status	Active
Category	Connector Housings
Series	90327
Description	Picoflex PF-50, Low Profile, IDT Receptacle, 22 Circuits, White, Tin (Sn) Plated, Bag
Comments	Low Profile
Component Type	Housing
Product Name	Picoflex
UPC	756054672358

#### Agency

CSA	LR19980
-----	---------

#### Electrical

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

#### Physical

Circuits (Loaded)	22
Circuits (maximum)	22
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	1.547/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>

---

This document was generated on Apr 22, 2025