

**Part Number :** 903270357

**Product Description :** Picoflex PF-50, Low Profile, IDT Receptacle, 6 Circuits, White, Tin (Sn) Plated, Reeling Option C

**Series Number :** 90327

**Status :** Active

**Product Category :** Connector Housings



## Documents & Resources

### Drawings

903270357\_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	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)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

---

## Part Details

### General

Status	Active
Category	Connector Housings
Series	90327
Description	Picoflex PF-50, Low Profile, IDT Receptacle, 6 Circuits, White, Tin (Sn) Plated, Reeling Option C
Comments	Low Profile, Reeling Option C
Component Type	Housing
Product Name	Picoflex
UPC	800753673311

### Agency

CSA	LR19980
UL	E29179

### Electrical

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

### Physical

Circuits (Loaded)	6
Circuits (maximum)	6

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	0.399/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

## 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	<u>90779</u>

Headers	
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>
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 Sep 24, 2025