



**Part Number :** [908140214](#)

**Product Description :** Picoflex PF-50 Header with PCB Pegs, Vertical, Standard Profile, Surface Mount, Tin (Sn) Plated, 14 Circuits, Tape and Reel, Natural

**Series Number :** 90814

**Status :** Active

**Product Category :** PCB Headers and Receptacles



---

## Documents & Resources

### Drawings

[908140214\\_sd.pdf](#)

### 3D Models and Design Files

[908140214\\_stp.zip](#)

### Specifications


[908140000-AS-000.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(2024)7663-DC (21 Jan 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	PCB Headers and Receptacles
Series	90814
Description	Picoflex PF-50 Header with PCB Pegs, Vertical, Standard Profile, Surface Mount, Tin (Sn) Plated, 14 Circuits, Tape and Reel, Natural
Application	Signal, Wire-to-Board
Comments	Standard Profile
Component Type	PCB Header
Product Name	Picoflex
UPC	800753655706

**Agency**

UL	E29179
----	--------

**Electrical**

Current - Maximum per Contact	1.2A
Voltage - Maximum	250V

**Physical**

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14

Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.810/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	3.048µm
Plating min - Termination	3.048µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	No
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

---

## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Picoflex PF-50 Low Profile IDT	<u>90327</u>

Receptacles	
-------------	--

---

## Application Tooling

### Global

Description	Part Number
Extraction Tool for Picoflex PF-50 Connectors, 4-26 Circuits	<u>690081070</u>