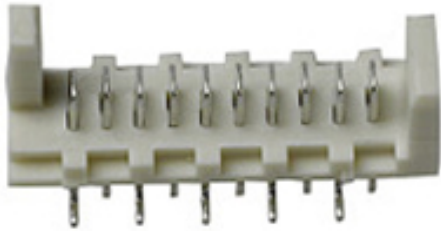




**Part Number :** [908140516](#)  
**Product Description :** Picoflex PF-50 Header without PCB Pegs, Vertical, Standard Profile, Surface Mount, Tin (Sn) Plated, 16 Circuits, Tape and Reel, Natural  
**Series Number :** 90814  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



Documents & Resources

**Drawings**  
[908140516\\_sd.pdf](#)

**3D Models and Design Files**  
[908140516\\_stp.zip](#)

**Specifications**  
[908140000-AS-000.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)4144-DC (27 June 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	PCB Headers and Receptacles
Series	90814
Description	Picoflex PF-50 Header without PCB Pegs, Vertical, Standard Profile, Surface Mount, Tin (Sn) Plated, 16 Circuits, Tape and Reel, Natural
Application	Signal, Wire-to-Board
Comments	Standard Profile
Component Type	PCB Header
Product Name	Picoflex
UPC	822348695638

#### Agency

UL	E29179
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#### Electrical

Current - Maximum per Contact	2.4A
Voltage - Maximum	250V

#### Physical

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
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 - Resin	High Temperature Thermoplastic
Net Weight	0.883/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	None
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

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## Mates With / Use With

### Mates with Part(s)

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

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## Application Tooling

Global

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

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This document was generated on Nov 08, 2024