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**Part Number:** [0908140814](#)  
**Status:** **Active**  
**Overview:**  
**Description:** Picoflex PF-50 Header with PCB Pegs, Vertical, Low Profile, Surface Mount, Tin (Sn) Plated, 14 Circuits, Tube, Natural

**Agency Certification**

UL E29179

**Application tooling part link**

Application Tooling Part Link 69008-1070

**General**

Product Family PCB Headers  
 Series [90814](#)  
 Application Signal, Wire-to-Board  
 Comments Low Profile  
 Overview picoflex  
 Product Name Picoflex  
 UPC 800756883182

**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 - Resin High Temperature Thermoplastic  
 Net Weight 0.623/g  
 Number of Rows 1  
 Orientation Vertical  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tube  
 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  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40° to +105°C  
 Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 2.4A  
 Voltage - Maximum 250V AC/DC

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2020)9139-DC (19  
 Jan 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[90814 Series](#)

**Mates With**

[90327 IDT Connector](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
Extraction Tool for Picoflex PF-50 Connectors, 4-26 Circuits	<a href="#">690081070</a>

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-90814-001-001

PS-99020-0011-001

SDA-90814-001

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