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**Part Number:** [0908143218](#)

**Status:** **Active**

**Overview:** [Picoflex Ribbon-Cable Connectors](#)

**Description:** Picoflex PF-50 Header with PCB Pegs, Vertical, Standard Profile, Surface Mount, PdNi with Gold Flash Plating, 18 Circuits, Tape and Reel, Natural

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[3D Model \(PDF\)](#)

[Product Specification PS-99020-0011-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**Application tooling part link**

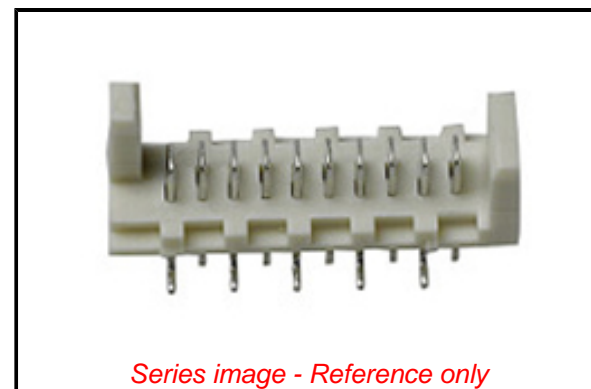
Application Tooling Part Link 69008-1070

**General**

Product Family PCB Headers  
Series [90814](#)  
Application Signal, Wire-to-Board  
Comments Standard Profile  
Overview [Picoflex Ribbon-Cable Connectors](#)  
Product Name Picoflex  
UPC 800753863460

**Physical**

Breakaway No  
Circuits (Loaded) 18  
Circuits (maximum) 18  
Color - Resin Natural  
Durability (mating cycles max) 100  
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 Gold over Palladium Nickel  
Material - Resin High Temperature Thermoplastic  
Net Weight 0.938/g  
Number of Rows 1  
Orientation Vertical  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 1.60mm  
Packaging Type Embossed Tape on Reel  
Pitch - Mating Interface 1.27mm  
Pitch - Termination Interface 1.27mm  
Plating min - Mating 0.762µm  
Plating min - Termination 0.102µm  
Polarized to Mating Part Yes  
Polarized to PCB Yes  
Shrouded No  
Stackable No  
Surface Mount Compatible (SMC) N/A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

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

[690081070](#)

Temperature Range - Operating  
Termination Interface: Style

-40° to +105°C  
Surface Mount

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

1.2A  
250V

**Material Info**

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-99020-0011-001  
908149002-000, SDA-90814-001

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