

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0908143708](#)  
**Status:** **Active**  
**Overview:** [Picoflex Ribbon-Cable Connectors](#)  
**Description:** Picoflex PF-50 Header without PCB Pegs, Vertical, Low Profile, Surface Mount, PdNi with Gold Flash Plating, 8 Circuits, Tape and Reel, Natural

**Documents:**

[3D Model](#) [Product Specification PS-99020-0011-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**Agency Certification**

UL E29179

**Application tooling part link**

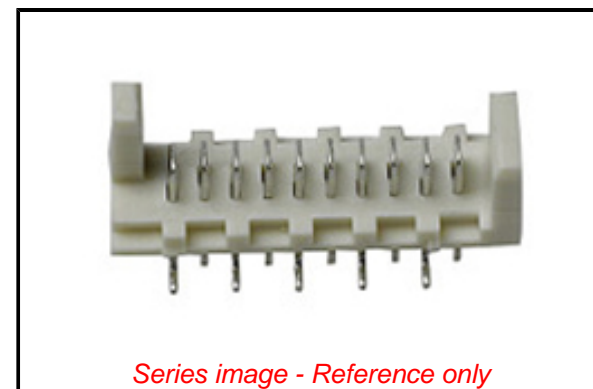
Application Tooling Part Link 69008-1070

**General**

Product Family PCB Headers  
 Series [90814](#)  
 Application Signal, Wire-to-Board  
 Comments Low Profile  
 Overview [Picoflex Ribbon-Cable Connectors](#)  
 Product Name Picoflex  
 UPC 800756883748

**Physical**

Breakaway No  
 Circuits (Loaded) 8  
 Circuits (maximum) 8  
 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 0.511/g  
 Number of Rows 1  
 Orientation Vertical  
 PCB Locator No  
 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 No  
 Shrouded No  
 Stackable No  
 Surface Mount Compatible (SMC) Yes



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2020)4578-DC (25  
 June 2020)

**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  
 (Plastic) for 4-26  
 Circuit

[690081070](#)

Temperature Range - Operating -40° to +105°C  
Termination Interface: Style Surface Mount

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-99020-0011-001  
Sales Drawing SDA-90814-001

This document was generated on 08/07/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Headers & Wire Housings](#) category:*

*Click to view products by [MOLEX](#) manufacturer:*

Other Similar products are found below :

[95000-104TRLF](#) [10135584-644402LF](#) [DF62W-EP2022PCA](#) [95000-106TRLF](#) [DF62W-2022SCA](#) [DF62W-EP2022PC](#) [2203348](#) [DF62W-2022SC](#) [1084018](#) [1029039](#) [1084017](#) [802-10-012-10-002000](#) [1112640](#) [1112639](#) [891-007-9SS-BST1T](#) [000-34000](#) [0008550134](#) [0009482033](#) [0009507031](#) [57102-F02-18ULF](#) [57102-S06-03LF](#) [57202-S52-04LF](#) [PCN6-15S-2.5E](#) [0039019024](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [0009508121](#) [0022285053](#) [0050291907](#) [018731A](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#) [60101931](#) [60598-1 \(Cut Strip\)](#) [M1625-3R/100](#) [61062-3](#) [61082-181009](#) [CSU011177004](#) [636-1427](#) [638009-1](#) [641938-9](#) [641991-4](#) [644168-1](#) [644827-2](#) [647662-1](#) [65039-019ELF](#) [65692-001LF](#) [65781-018](#) [65781-047](#)