

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

**Part Number:** **0908140808**  
**Status:** **Active**  
**Overview:** Picoflex Ribbon-Cable Connectors  
**Description:** Picoflex PF-50 Header with PCB Pegs, Vertical, Low Profile, Surface Mount, Tin (Sn) Plated, 8 Circuits, Tube, Natural

**Documents:**

[3D Model](#) [Packaging Specification PK-90814-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-99020-0011-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**Application tooling part link**

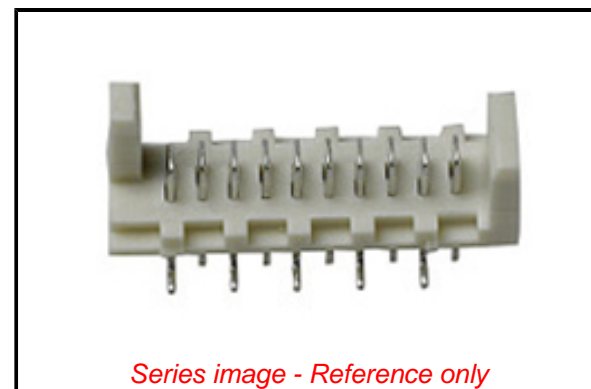
Application Tooling Part Link 69008-1070

**General**

Product Family PCB Headers  
Series 90814  
Application Signal, Wire-to-Board  
CURRENT-MAX-NUMERIC 2.4  
Comments Low Profile, Low Profile  
Overview Picoflex Ribbon-Cable Connectors  
PITCH-MATING-NUMERIC 1.27  
Product Name Picoflex  
UPC 800756883144

**Physical**

Breakaway No  
Circuits (Loaded) 8  
Circuits (maximum) 8  
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 0.387/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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**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  
(Plastic) for 4-26  
Circuit

690081070

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

**Material Info****Reference - Drawing Numbers**

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

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