

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

**Part Number:** [0908140208](#)

**Status:** **Active**

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

**Description:** Picoflex PF-50 Header with PCB Pegs, Vertical, Standard Profile, Surface Mount, Tin (Sn) Plated, 8 Circuits, Tape and Reel, Natural

**Documents:**

[3D Model](#)

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

[Drawing \(PDF\)](#)

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

**Agency Certification**

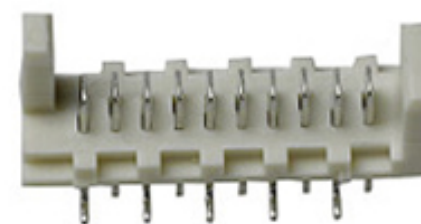
UL E29179

**General**

Product Family	PCB Headers
Series	90814
Application	Signal, Wire-to-Board
Application Tooling Part Link	69008-1070
Comments	Standard Profile
Overview	<a href="#">Picoflex Ribbon-Cable Connectors</a>
Product Name	Picoflex
UPC	800753656062

**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	0.576/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	3.048µm
Plating min - Termination	3.048µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per - ED/61/2018 (27 June 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

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

[0690081070](#)

**Electrical**

Current - Maximum per Contact	1.2A
Voltage - Maximum	250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	003
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

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

Product Specification	PS-99020-0011-001
Sales Drawing	SDA-90814, SDA-90814-001, SDA-90814-002

This document was generated on 10/11/2018

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