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Part Number: [0908143024](#)
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, 24 Circuits, Tube, Natural
Replacement Part Number: <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=090814322490814-3224> (drop-in)

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

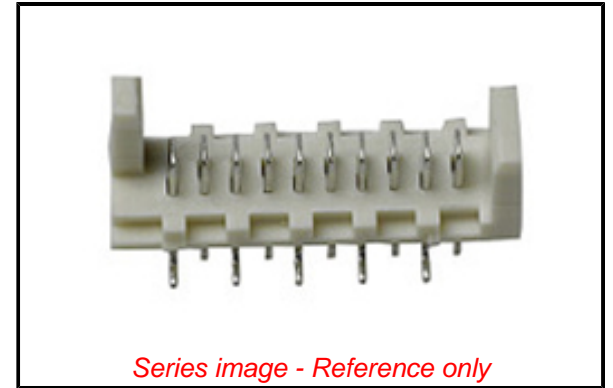
UL E29179

General

Product Family PCB Headers
 Series [90814](#)
 Application Signal, Wire-to-Board
 Application Tooling Part Link 69008-1070
 Comments Standard Profile
 Overview [Picoflex Ribbon-Cable Connectors](#)
 Product Name Picoflex
 Replacement Part Number [90814-3224](#) (drop-in)
 UPC 756054667392

Physical

Breakaway No
 Circuits (Loaded) 24
 Circuits (maximum) 24
 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 1.004/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 0.762µm
 Plating min - Termination 0.102µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Shrouded No
 Stackable No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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

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](#)

Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical

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

Solder Process Data

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

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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