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Part Number: [0908143710](#)
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, 10 Circuits, Tape and Reel, Natural

Documents:

[3D Model](#) [Packaging Specification SDA-90814-9001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-99020-0011 \(PDF\)](#)

Agency Certification

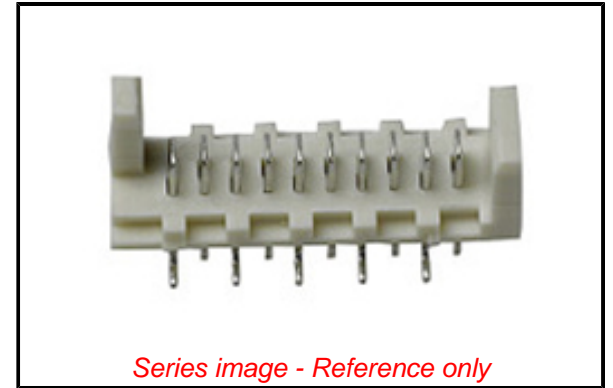
UL E29179

General

Product Family PCB Headers
 Series [90814](#)
 Application Signal, Wire-to-Board
 Application Tooling Part Link 69008-1070
 Comments Low Profile
 Overview [Picoflex® Ribbon-Cable Connectors](#)
 Product Name Picoflex®
 UPC 800756883755

Physical

Breakaway No
 Circuits (Loaded) 10
 Circuits (maximum) 10
 Color - Resin Natural
 Durability (mating cycles max) 100
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Compliant 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 0.632/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
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Surface Mount



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/30/2017 (7 July
 2017)

Halogen-Free

Status

Not Low-Halogen

**Need more information on product
 environmental compliance?**

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

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

[0690081070](#)

Electrical

Current - Maximum per Contact

2.4A

Voltage - Maximum

250V AC/DC

Material Info**Reference - Drawing Numbers**

Packaging Specification

SDA-90814-9001

Product Specification

PS-99020-0011

Sales Drawing

SDA-90814

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