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Part Number: [90814-3820](#)
Status: **Active**
Overview: [Picoflex®](#)
Description: 1.27mm Pitch Picoflex® PF-50 SMT Header with PCB Pegs, Vertical, Low Profile, Surface Mount, Gold (Au) Plated, 20 Circuits, Natural

Documents:

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

Agency Certification

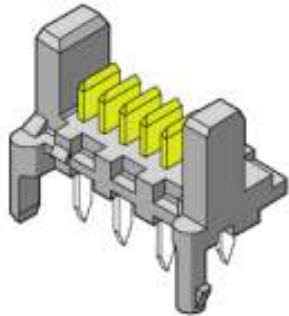
UL E29179

General

Product Family PCB Headers
Series [90814](#)
Application Signal, Wire-to-Board
Application Tooling Part Link 690081070
Comments Low Profile
Overview [Picoflex®](#)
Product Name Picoflex®
UPC 800756883915

Physical

Breakaway No
Circuits (Loaded) 20
Circuits (maximum) 20
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
Material - Resin High Temperature Thermoplastic
Net Weight 0.840/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
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -40°C to +105°C



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



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

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[90814Series](#)

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](#)

Termination Interface: Style

Surface Mount

Electrical

Current - Maximum per Contact

Voltage - Maximum

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2.4A

250V AC/DC

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-90814-001

PS-99020-0011

SDA-90814

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