

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0908143914](#)
Status: **Active**
Overview: [picoflex](#)
Description: 1.27mm (.050") Pitch Picoflex® PF-50 SMT Header, Vertical, Low Profile, Surface Mount, Gold, 14 Circuits, Glow Wire Compatible

Documents:

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

Agency Certification

UL E29179

General

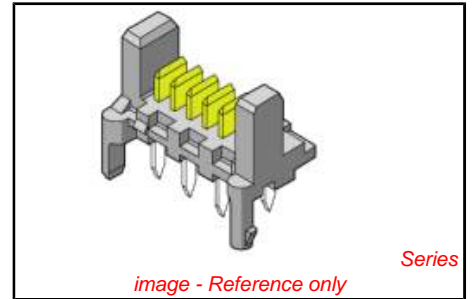
Product Family PCB Headers
 Series 90814
 Application Signal, Wire-to-Board
 Application Tooling Part Link 690081070
 Comments Low Profile SMT
 Overview [picoflex](#)
 Product Name Picoflex®

Physical

Breakaway No
 Circuits (Loaded) 14
 Color - Resin Black, Natural
 Durability (mating cycles max) 100
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Compliant Yes
 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
 Number of Rows 1
 Orientation Vertical
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm (.063")
 Packaging Type Adhesive Tape on Reel
 Pitch - Mating Interface 1.27mm (.050")
 Pitch - Termination Interface 1.27mm (.050")
 Plating min - Mating 0.762µm (30µ")
 Plating min - Termination 0.102µm (4µ")
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Shrouded Open Ends
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 2.4A



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Reviewed

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 90327 Connector, 4-26 Circuit	0690081070

Voltage - Maximum

250V AC/DC

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-99020-0011
SDA-90814

This document was generated on 03/03/2011

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION