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Part Number: [0908140816](#)
Status: **Active**
Overview: [picoflex](#)
Description: 1.27mm (.050") Pitch Picoflex® PF-50 SMT Header, Vertical, Low Profile, Surface Mount, Tin, 16 Circuits, Glow Wire Compatible

Documents:

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

Agency Certification

UL E29179

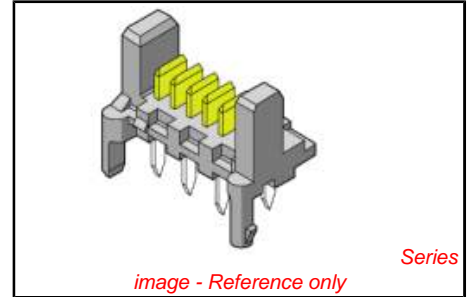
General

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

Physical

Breakaway No
 Circuits (Loaded) 16
 Color - Resin Natural
 Durability (mating cycles max) 30
 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 Tin
 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 Tube
 Pitch - Mating Interface 1.27mm (.050")
 Pitch - Termination Interface 1.27mm (.050")
 Plating min - Mating 3.048µm (120µ")
 Plating min - Termination 3.048µm (120µ")
 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



<p>EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Not Low-Halogen</p>	<p>China RoHS</p> 
<p>Need more information on product environmental compliance?</p> <p>Email productcompliance@molex.com For a multiple part number RoHS Certificate of Compliance, click here</p> <p>Please visit the Contact Us section for any non-product compliance questions.</p>	

<p>Search Parts in this Series 90814Series</p>
<p>Mates With 90327 IDT Connector</p>

Current - Maximum per Contact 2.4A
Voltage - Maximum 250V AC/DC

Material Info

Country of Origin IE

Reference - Drawing Numbers

Packaging Specification PK-90814-001
Product Specification PS-99020-0011
Sales Drawing SDA-90814

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