

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0903253012](#)  
**Status:** **Active**  
**Overview:** [picoflex](#)  
**Description:** 1.27mm (.050") Pitch Picoflex® PF-50 Header, Vertical, Low Profile, with PCB Pegs, 12 Circuits

**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)

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

**Agency Certification**

CSA LR19980  
UL E29179

**General**

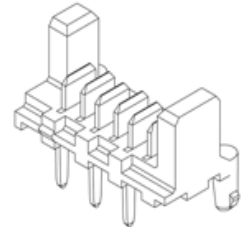
Product Family PCB Headers  
Series [90325](#)  
Application Signal, Wire-to-Board  
Comments Low Profile  
Overview [picoflex](#)  
Product Name Picoflex®

**Physical**

Breakaway No  
Circuits (Loaded) 12  
Color - Resin Black  
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 Polyester  
Number of Rows 1  
Orientation Vertical  
PCB Retention Yes  
PCB Thickness - Recommended 1.60mm (.063")  
Packaging Type Bag  
Pitch - Mating Interface 1.27mm (.050")  
Pitch - Termination Interface 1.27mm (.050")  
Plating min - Mating 0.762µm (30µ")  
Plating min - Termination 3.048µm (120µ")  
Polarized to Mating Part Yes  
Polarized to PCB Yes  
Shrouded No  
Stackable No  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Through Hole

**Electrical**

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



*image - Reference only*

Series

**EU RoHS**

**ELV and RoHS**  
**Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Reviewed**

**China RoHS**



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

Email [productcompliance@molex.com](mailto: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**

[90325Series](#)

**Mates With**

[90327 IDT Connector](#)

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	230

**Material Info**

Country of Origin	IE
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**Reference - Drawing Numbers**

Product Specification	PS-99020-0011
Sales Drawing	SDA-90325

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