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**Part Number:** [0907793013](#)

**Status:** **Active**

**Overview:** [Picoflex® Connectors](#)

**Description:** Picoflex® PF-50 Header, Vertical, Low Profile, High Temperature Surface Mount Compatible, 0.76µm PdNi with Gold Flash Plating, 26 Circuits, Glow Wire Compatible

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-99020-0011 \(PDF\)](#)

[Packaging Specification PK-90325-002 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)



*Series image - Reference only*

**General**

Product Family

Series

Application

[Application Tooling Part Link](#)

Comments

PCB Headers

[90779](#)

Signal, Wire-to-Board

[69008-1070](#)

"This Molex product is manufactured from material that has the following ratings, tested by independent agencies: a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <P><P> The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options. ""

[Picoflex® Connectors](#)

[Picoflex®](#)

[822348745548](#)

Overview

Product Name

UPC

**Physical**

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Resin

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

No

26

26

Natural

100

No

Yes

No

None

Yes

Brass

Gold over Palladium Nickel

High Temperature Thermoplastic

0.998/g

1

Vertical

Yes

Yes

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014

December 17): No

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

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

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

China ROHS

**ELV**

Green Image

Not Relevant

**Search Parts in this Series**

[90779 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

[0690081070](#)

(Plastic) for 4-26

Circuit

PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.762µm
Plating min - Termination	3.048µm
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
Termination Interface: Style	Through Hole

#### **Electrical**

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

#### **Material Info**

##### **Reference - Drawing Numbers**

Packaging Specification	PK-90325-002
Product Specification	PS-99020-0011
Sales Drawing	SDA-90779

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