

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

**Part Number:** [0907793005](#)

**Status:** **Active**

**Overview:** [Picoflex Ribbon-Cable Connectors](#)

**Description:** Picoflex PF-50 Header, Vertical, Low Profile, High Temperature Surface Mount Capable, PdNi with Gold Flash Plating , 12 Circuits, Glow-Wire Capable

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-99020-0011-001 \(PDF\)](#)

[Packaging Specification PK-90325-002-001 \(PDF\)](#)

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



*Series image - Reference only*

**Agency Certification**

UL

E29179

**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 Ribbon-Cable Connectors](#)

Picoflex

822350708227

Overview

Product Name

UPC

**Physical**

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Resin

Net Weight

No

12

12

Natural

100

No

94V-0

Yes

No

None

Yes

Brass

Gold over Palladium Nickel

High Temperature Thermoplastic

0.519/g

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/61/2018 (27 June 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**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 (Plastic) for 4-26

0690081070

Circuit

Number of Rows	1
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
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° 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-90325-002-001
Product Specification	PS-99020-0011-001
Sales Drawing	SDA-90779

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