

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

**Part Number:** **0907793002**  
**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, 6 Circuits, Glow-Wire Capable

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-99020-0011-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-90325-002-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

UL E29179

**Application tooling part link**

Application Tooling Part Link 69008-1070

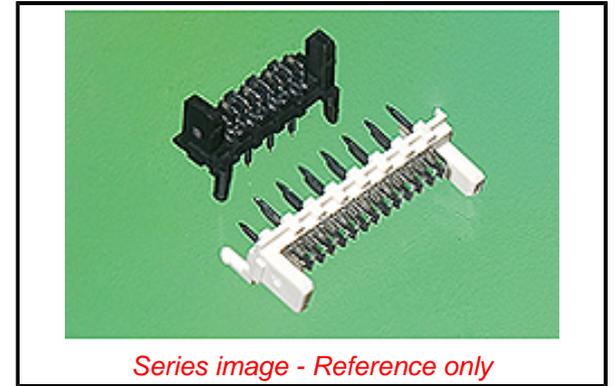
**General**

Product Family PCB Headers  
 Series 90779  
 Application Signal, Wire-to-Board  
 Comments "\*\*\*\*\*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."\*\*\*\*\*

Overview Picoflex Ribbon-Cable Connectors  
 Product Name Picoflex  
 Taxonomy PCB Headers and Receptacles  
 UPC 800753666399

**Physical**

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	100
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	Yes
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2022)4187-DC (10  
 June 2022)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

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  
 for Picoflex PF-50  
 Connectors, 4-26  
 Circuits

690081070

Material - Plating Mating	Gold over Palladium Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	0.314/g
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
<b>Electrical</b>	
Current - Maximum per Contact	1.2A
Voltage - Maximum	250V
<b>Solder Process Data</b>	
Lead-free Process Capability	WAVE
<b>Material Info</b>	
<b>Reference - Drawing Numbers</b>	
Packaging Specification	PK-90325-002-001
Product Specification	PS-99020-0011-001
Sales Drawing	SDA-90779-001

This document was generated on 08/31/2022

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