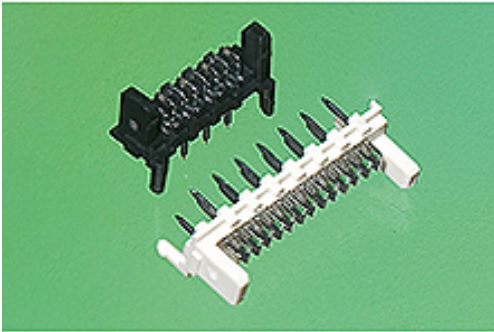


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 0907793008  
**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 , 18 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 \(PDF\)](#)

<b>Agency Certification</b>	
UL	E29179
<b>Application tooling part link</b>	
Application Tooling Part Link	69008-1070
<b>General</b>	
Product Family	PCB Headers
Series	90779
Application	Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	1.2
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.""""""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



Series image - Reference only

<b>EU ELV</b>	
Not Reviewed	
<b>EU RoHS</b>	<b>China RoHS</b>
Not Reviewed	
<b>REACH SVHC</b>	
Not Reviewed	
<b>Halogen-Free</b>	
<b>Status</b>	
Not Reviewed	
For more information, please visit <a href="#">Contact US</a>	
China ROHS	Not Reviewed
ELV	Not Reviewed
RoHS Phthalates	Not Reviewed

**Search Parts in this Series**  
90779 Series

**Mates With**  
90327 IDT Connector

<b>Application Tooling   FAQ</b>	
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.	
<b>Global</b>	
<b>Description</b>	<b>Product #</b>
Extraction Tool (Plastic) for 4-26 Circuit	690081070

Overview

PITCH-MATING-NUMERIC

Product Name

UPC

performance is required, please contact Molex for possible product options. ""  
Picoflex Ribbon-Cable Connectors  
1.27  
Picoflex  
800753997905

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

Number of Rows

Orientation

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No  
18  
18  
Natural  
100  
No  
94V-0  
Yes  
No  
None  
Yes  
Brass  
Gold over Palladium Nickel  
High Temperature Thermoplastic  
1  
Vertical  
Yes  
Yes  
1.60mm  
Bag  
1.27mm  
1.27mm  
0.762µm  
3.048µm  
Yes  
Yes  
No  
No  
Yes  
-40° to +105°C  
Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

1.2A  
250V

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-90325-002-001  
PS-99020-0011-001  
SDA-90779

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

90779-3008