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**Part Number:** [90779-0013](#)  
**Status:** **Active**  
**Overview:** Picoflex® Connectors  
**Description:** 1.27mm Pitch Picoflex® PF-50 Header, Vertical, Low Profile, High Temperature Surface Mount Compatible, Tin (Sn) Plating, 26 Circuits, Glow Wire Compatible

**Documents:**

[3D Model](#) [Packaging Specification PK-90325-002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-99020-0011 \(PDF\)](#)

**General**

|                               |   |
|-------------------------------|---|
| Product Family                | PCB Headers   |
| Series                        | <a href="#">90779</a>   |
| Application                   | Signal, Wire-to-Board   |
| Application Tooling Part Link | <a href="#">69008-1070</a>  |
| 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                      | <a href="#">Picoflex® Connectors</a>  |
| Product Name                  | Picoflex®   |
| UPC                           | 756054823385  |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 26                             |
| Circuits (maximum)             | 26                             |
| Color - Resin                  | Natural                        |
| Durability (mating cycles max) | 100                            |
| First Mate / Last Break        | No                             |
| Glow-Wire Compliant            | Yes                            |
| Guide to Mating Part           | No                             |
| Keying to Mating Part          | None                           |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | Brass                          |
| Material - Plating Mating      | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 1.025/g                        |
| Number of Rows                 | 1                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | Yes                            |

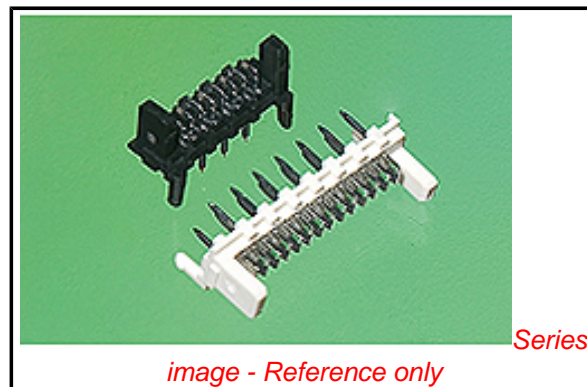


image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
**Not Low-Halogen**

**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**

[90779Series](#)

**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 Circuit | <a href="#">0690081070</a> |

|                                |                 |
|--------------------------------|-----------------|
| PCB Retention                  | Yes             |
| PCB Thickness - Recommended    | 1.60mm          |
| Packaging Type                 | Bag             |
| Pitch - Mating Interface       | 1.27mm          |
| Pitch - Termination Interface  | 1.27mm          |
| Plating min - Mating           | 4.064µm         |
| Plating min - Termination      | 4.064µm         |
| Polarized to Mating Part       | Yes             |
| Polarized to PCB               | Yes             |
| Shrouded                       | Open Ends       |
| 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 AC/DC |

### **Solder Process Data**

|                              |                        |
|------------------------------|------------------------|
| Lead-free Process Capability | Wave Capable (TH only) |
|------------------------------|------------------------|

### **Material Info**

### **Reference - Drawing Numbers**

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

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