

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0907790013](#)
Status: **Active**
Overview:
Description: Picoflex PF-50 Header, Vertical, Low Profile, High Temperature Surface Mount Capable, Tin (Sn) Plating, 26 Circuits, Glow-Wire Capable

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
 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 Capable 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
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Bag
 Pitch - Mating Interface 1.27mm

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2020)4578-DC (25
 June 2020)

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
 (Plastic) for 4-26
 Circuit

[690081070](#)

| | |
|--------------------------------|----------------|
| 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° 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 |
|------------------------------|------|

Material Info**Reference - Drawing Numbers**

| | |
|-------------------------|-------------------|
| Packaging Specification | PK-90325-002-001 |
| Product Specification | PS-99020-0011-001 |
| Sales Drawing | SDA-90779 |

This document was generated on 07/27/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION