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Part Number: [0907793003](#)
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 , 8 Circuits, Glow-Wire Capable

Documents:

[3D Model](#) [Packaging Specification PK-90325-002-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-99020-0011-001 \(PDF\)](#)

Agency Certification

UL E29179

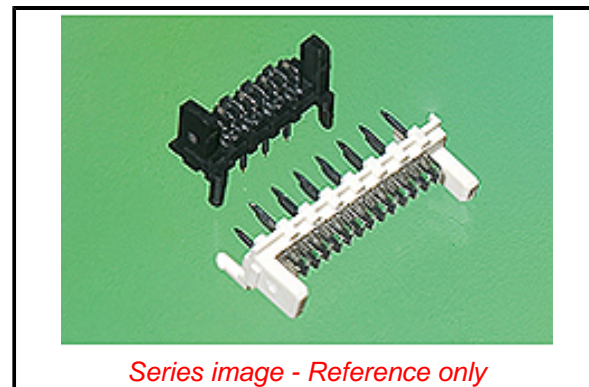
General

Product Family PCB Headers
 Series [90779](#)
 Application Signal, Wire-to-Board
 Application Tooling Part Link 69008-1070
 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
 UPC 800753666504

Physical

Breakaway No
 Circuits (Loaded) 8
 Circuits (maximum) 8
 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
 Material - Plating Mating Gold over Palladium Nickel
 Material - Resin High Temperature Thermoplastic
 Net Weight 0.382/g



Series image - Reference only

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

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

[0690081070](#)

| | |
|--------------------------------|----------------|
| 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 |

Solder Process Data

| | |
|--|------|
| Duration at Max. Process Temperature (seconds) | 005 |
| Lead-free Process Capability | WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 230 |

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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