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Part Number: [90779-0006](#)

Status: **Active**

Overview: [Picoflex® Connectors](#)

Description: Picoflex® PF-50 Header, Vertical, Low Profile, High Temperature Surface Mount Compatible, 14 Circuits, Glow Wire Compatible

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-99020-0011 \(PDF\)](#)

[Packaging Specification PK-90325-002 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)



Series

image - Reference only

Agency Certification

UL

E29179

General

[Product Family](#)

[Series](#)

[Application](#)

[Application Tooling Part Link](#)

[Comments](#)

[PCB Headers](#)

[90779](#)

[Signal, Wire-to-Board](#)

[69008-1070](#)

"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. ""

[Picoflex® Connectors](#)

[Picoflex®](#)

[800753655843](#)

[Overview](#)

[Product Name](#)

[UPC](#)

Physical

[Breakaway](#)

[Circuits \(Loaded\)](#)

[Circuits \(maximum\)](#)

[Color - Resin](#)

[Durability \(mating cycles max\)](#)

[First Mate / Last Break](#)

[Flammability](#)

[Glow-Wire Compliant](#)

[Guide to Mating Part](#)

[Keying to Mating Part](#)

[Lock to Mating Part](#)

[Material - Metal](#)

[Material - Plating Mating](#)

[Material - Resin](#)

No

14

14

Natural

30

No

94V-0

Yes

No

None

Yes

Brass

Tin

High Temperature Thermoplastic

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email 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

[0690081070](#)

Circuit

Net Weight	0.601/g
Number of Rows	1
Orientation	Vertical
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	No
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

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)
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Material Info

Reference - Drawing Numbers

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

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Authorized Distributor

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