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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 \(PDF\)](#)



Series image - Reference only

Agency Certification

UL

E29179

Application tooling part link

[Application Tooling Part Link](#)

69008-1070

General

Product Family

Series

Application

CURRENT-MAX-NUMERIC

Comments

PCB Headers

[90779](#)

Signal, Wire-to-Board

1.2

""""""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

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

For more information, please visit [Contact US](#)

China RoHS

China ROHS Not Reviewed

ELV Not Reviewed

RoHS Phthalates Not Reviewed

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](#)

Overview
PITCH-MATING-NUMERIC
Product Name
UPC

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

performance is required, please contact Molex for
possible product options.*****

Picoflex Ribbon-Cable Connectors

1.27
Picoflex
800753997905

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

Material Info

Reference - Drawing Numbers

Packaging Specification
Product Specification
Sales Drawing

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

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Mouser Electronics

Authorized Distributor

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[Molex](#):

[90779-3008](#)