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Part Number: [0917143020](#)
Status: **Active**
Overview: [Picoflex Ribbon-Cable Connectors](#)
Description: 1.27mm Pitch Picoflex PF-50 Header, Right Angle, High Temp, Gold (Au) Plating, 20 Circuits, Glow Wire Capable

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

[Product Specification PS-99020-0011 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family
Series
Comments

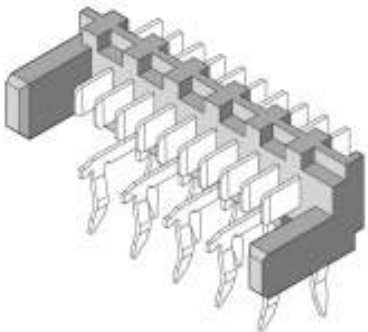
Ribbon Cable / Wire Trap Connectors
[91714](#)
This Molex product is manufactured from material that has the following ratings, tested by independent agencies :. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg 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.

Component Type
Glow-Wire Capable
Overview
Product Name
UPC

PCB Header
Yes
[Picoflex Ribbon-Cable Connectors](#)
Picoflex
800756811499

Physical

Circuits (Loaded) 20
Circuits (maximum) 20
Color - Resin Natural
Durability (mating cycles max) 100
Entry Angle 90° Angle
Lock to Mating Part Yes
Material - Metal Brass
Material - Plating Mating Gold
Material - Plating Termination Gold
Material - Resin High Temperature Thermoplastic
Net Weight 1.286/g
Number of Rows 1
PCB Locator No
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tube
Pitch - Mating Interface 1.27mm
Pitch - Termination Interface 1.27mm
Plating min - Mating 0.762µm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

| | |
|-----------------|---------------|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

[91714 Series](#)

Mates With

[90327 IDT Connector](#)

| | |
|------------------------------------|---------------------------|
| Plating min - Termination | 0.102μm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | No |
| Shrouded | Open Ends |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | Through Hole - Kinked Pin |
| Wire Insulation Diameter | N/A |
| Wire Size AWG | N/A |
| Wire/Cable Type | Ribbon Cable |
| Electrical | |
| Current - Maximum per Contact | 2.4A |
| Voltage - Maximum | 250V AC/DC |
| Material Info | |
| Reference - Drawing Numbers | |
| Product Specification | PS-99020-0011 |
| Sales Drawing | SD-91714-001 |

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Authorized Distributor

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Molex:

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