

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0903273306](#)

**Status:** **Active**

**Overview:** [Picoflex® Ribbon-Cable Connectors](#)

**Description:** Picoflex® PF-50, Low Profile, IDT Receptacle, 6 Circuits, White, Palladium Nickel with Gold (Au) Flash Plated, Bag

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

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

[Packaging Specification PK-90327-001 \(PDF\)](#)

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

**Agency Certification**

CSA LR19980  
UL E29179

**General**

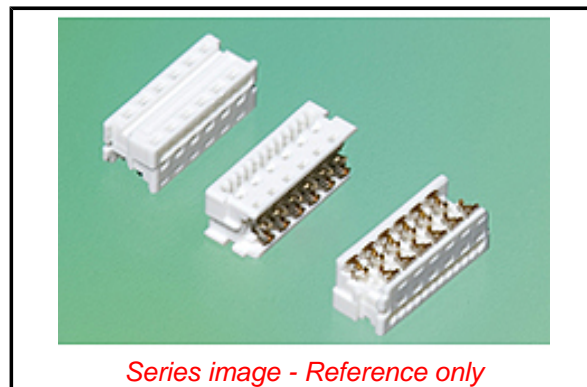
Product Family Ribbon Cable / Wire Trap Connectors  
Series [90327](#)  
Comments Low Profile  
Component Type Housing  
Glow-Wire Compliant No  
Overview [Picoflex® Ribbon-Cable Connectors](#)  
Product Name Picoflex®  
UPC 800753669970

**Physical**

Circuits (Loaded) 6  
Circuits (maximum) 6  
Color - Resin White  
Durability (mating cycles max) 100  
Entry Angle Vertical  
Flammability 94V-0  
Lock to Mating Part Yes  
Material - Metal Phosphor Bronze  
Material - Plating Mating Palladium Nickel  
Material - Plating Termination Gold  
Material - Resin Polyester  
Net Weight 0.954/g  
Number of Rows 2  
PCB Locator No  
PCB Retention None  
Packaging Type Bag  
Pitch - Mating Interface 1.27mm  
Pitch - Termination Interface 1.27mm  
Polarized to Mating Part Yes  
Polarized to PCB No  
Shrouded Fully  
Stackable No  
Surface Mount Compatible (SMC) N/A  
Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style IDT or Pierce  
Wire Insulation Diameter 1.00mm max.  
Wire Size AWG 26, 28  
Wire/Cable Type Ribbon Cable

**Electrical**

Current - Maximum per Contact 1.2A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
environmental compliance?**

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

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[90327](#) Series

**Mates With**

Low Profile Vertical [90325](#) , Low Profile  
Right Angle [90800](#) , [90715](#) , [90814](#) , [90779](#)  
Vertical, [91714](#) 1.27mm Pitch Picoflex®  
PF-50 Header

**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 #**

Extractor Tool for  
Connectors [0621006000](#)

Voltage - Maximum	250V
<b>Solder Process Data</b>	
Lead-free Process Capability	N/A
<b>Material Info</b>	
<b>Reference - Drawing Numbers</b>	
Packaging Specification	PK-90327-001
Product Specification	PS-99020-0011

Handtool for Connectors, 4-26 Circuit	<u>0690081090</u>
Arbor Press Fixture	<u>0690201902</u>
Arbor Press Fixture	<u>0690201908</u>
Semi-Automatic Bench Press PB14 for 4-26 Circuit	<u>0691271001</u>
Semi-Automatic PB14 Bench Press with Auto De-reeling	<u>0691271004</u>
Assembly of De-Tape Unit for PB14 Part Number 069127-1001	<u>0691275045</u>
Extraction Tool (Plastic) for 4-26 Circuit	<u>0690081070</u>

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