

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

**Part Number:** [0903273318](#)  
**Status:** **Active**  
**Overview:** [Picoflex® Ribbon-Cable Connectors](#)  
**Description:** [Picoflex® PF-50, Low Profile, IDT Receptacle, 18 Circuits, White, Palladium Nickel with Gold \(Au\) Flash Plated, Bag](#)

**Documents:**

[3D Model](#) [Packaging Specification PK-90327-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-99020-0011 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

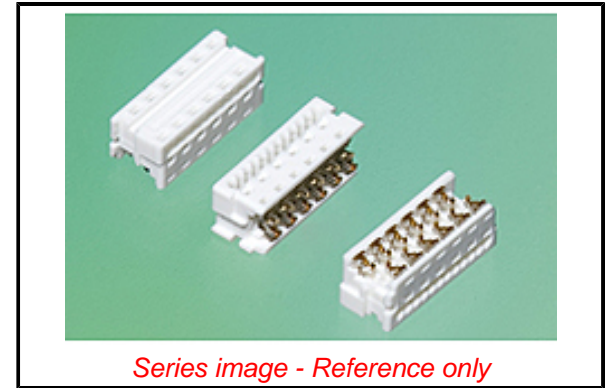
Product Family Ribbon Cable / Wire Trap Connectors  
 Series [90327](#)  
 Comments Low Profile  
 Component Type Housing  
 Glow-Wire Compliant No  
 Overview [Picoflex® Ribbon-Cable Connectors](#)  
 Product Name Picoflex®  
 UPC 800753669499

**Physical**

Circuits (Loaded) 18  
 Circuits (maximum) 18  
 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 2.737/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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**China RoHS**

**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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

PK-90327-001-001

Product Specification

PS-99020-0011

Handtool for 0690081090

Connectors, 4-26

Circuit

Arbor Press Fixture 0690201902

Arbor Press Fixture 0690201908

Semi-Automatic 0691271001

Bench Press PB14

for 4-26 Circuit

Semi-Automatic 0691271004

PB14 Bench Press

with Auto De-reeling

Assembly of De- 0691275045

Tape Unit for

PB14 Part Number

069127-1001

Extraction Tool 0690081070

(Plastic) for 4-26

Circuit

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