

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

**Part Number:** [0903273316](#)  
**Status:** **Active**  
**Overview:** [Picoflex Ribbon-Cable Connectors](#)  
**Description:** Picoflex PF-50, Low Profile, IDT Receptacle, 16 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-99020-0011-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

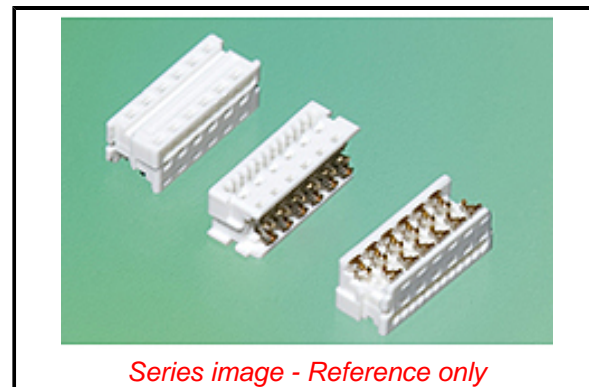
Product Family Ribbon Cable / Wire Trap Connectors  
 Series [90327](#)  
 Comments Low Profile  
 Component Type Housing  
 Glow-Wire Capable No  
 Overview [Picoflex Ribbon-Cable Connectors](#)  
 Product Name Picoflex  
 UPC 800753669840

**Physical**

Circuits (Loaded) 16  
 Circuits (maximum) 16  
 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 2.425/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° 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/61/2018 (27 June  
 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**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	<a href="#">621006000</a>
Extraction Tool (Plastic) for 4-26 Circuit	<a href="#">690081070</a>
Handtool for Connectors, 4-26 Circuit	<a href="#">690081090</a>

Voltage - Maximum

250V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

PK-90327-001-001

Product Specification

PS-99020-0011-001

Arbor Press Fixture 690201902

Arbor Press Fixture 690201908

Semi-Automatic 691271001

Bench Press PB14

for 4-26 Circuit

Semi-Automatic 691271004

PB14 Bench Press

with Auto De-reeling

Assembly of De- 691275045

Tape Unit for

PB14 Part Number

69127-1001

This document was generated on 11/26/2018

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