

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

**Part Number:** [0903270312](#)  
**Status:** **Active**  
**Overview:** [Picoflex Ribbon-Cable Connectors](#)  
**Description:** Picoflex PF-50, Low Profile, IDT Receptacle, 12 Circuits, White, Tin (Sn) Plated, Bag

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

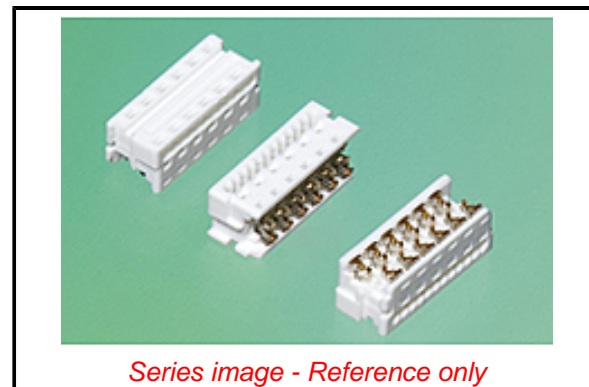
Product Family Ribbon Cable / Wire Trap Connectors  
 Series [90327](#)  
 Comments Low Profile  
 Component Type Housing  
 Glow-Wire Capable No  
 Overview [Picoflex Ribbon-Cable Connectors](#)  
 Product Name Picoflex  
 UPC 800753538146

**Physical**

Circuits (Loaded) 12  
 Circuits (maximum) 12  
 Color - Resin White  
 Durability (mating cycles max) 30  
 Entry Angle Vertical  
 Flammability 94V-0  
 Lock to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 0.737/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° 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  
 Voltage - Maximum 250V



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2021)4569-DC (8  
 July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

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 for Picoflex PF-50 Connectors, 4-26 Circuits	<a href="#">690081070</a>
PremiumGrade Hand Crimp Tool	<a href="#">690081090</a>

**Material Info****Reference - Drawing Numbers**

Packaging Specification  
Product Specification  
Sales Drawing

PK-90327-001-001  
PS-99020-0011-001  
SDA-90327-001

for Picoflex PF-50  
IDT Receptacle,  
4-26 Circuits, 26  
or 28 AWG Flat  
Cable, 1.00mm max.  
thickness

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

691271001

This document was generated on 09/13/2021

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