

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

**Part Number:** [90327-0312](#)  
**Status:** **Active**  
**Overview:** [Picoflex® Connectors](#)  
**Description:** Picoflex® PF-50, Low Profile, IDT Receptacle, 12 Circuits, White, Tin (Sn) Plated, Reeling Option A

**Documents:**

[3D Model](#) [Packaging Specification PK-90327-001 \(PDF\)](#)  
[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|Reeling Option A  
 Component Type Housing  
 Glow-Wire Compliant No  
 MolexKits Yes  
 Overview [Picoflex® 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°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**

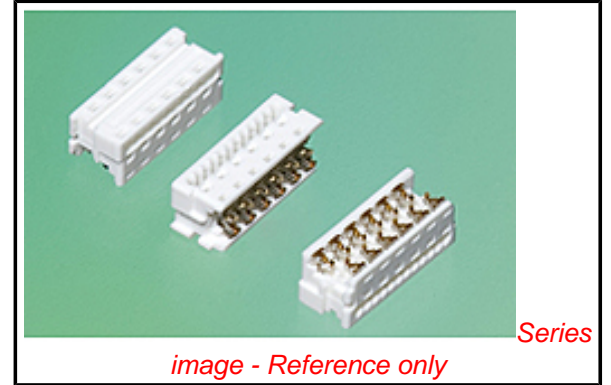


image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Not Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[90327Series](#)

**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 #
Extraction Tool (Plastic) for 4-26 Circuit	<a href="#">0690081070</a>
Arbor Press Fixture	<a href="#">0690201902</a>
Extractor Tool for Connectors	<a href="#">0621006000</a>

Current - Maximum per Contact  
Voltage - Maximum

1.2A  
250V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification  
Sales Drawing

PK-90327-001  
SDA-90327

Handtool for 0690081090  
Connectors, 4-26  
Circuit  
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

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