

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

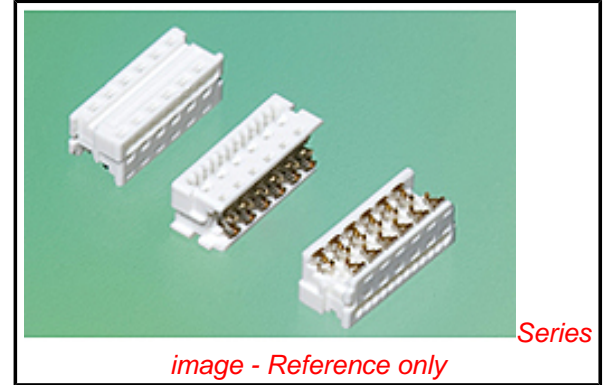


image - Reference only

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
 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 | 0690081070 |
| Handtool for Connectors, 4-26 Circuit | 0690081090 |
| Arbor Press Fixture | 0690201908 |

Current - Maximum per Contact
Voltage - Maximum

1.2A
250V

Material Info

Reference - Drawing Numbers

Packaging Specification
Sales Drawing

PK-90327-001
SDA-90327

| | |
|--|---|
| Semi-Automatic Bench Press PB14 for 4-26 Circuit Extractor Tool for Connectors | <u>0691271001</u> <u>0621006000</u> <u>0690201902</u> |
|--|---|

This document was generated on 10/03/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION