

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

**Part Number:** [0903270322](#)  
**Status:** **Active**  
**Overview:** [Picoflex Ribbon-Cable Connectors](#)  
**Description:** [Picoflex PF-50, Low Profile, IDT Receptacle, 22 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

**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 [756054672358](#)

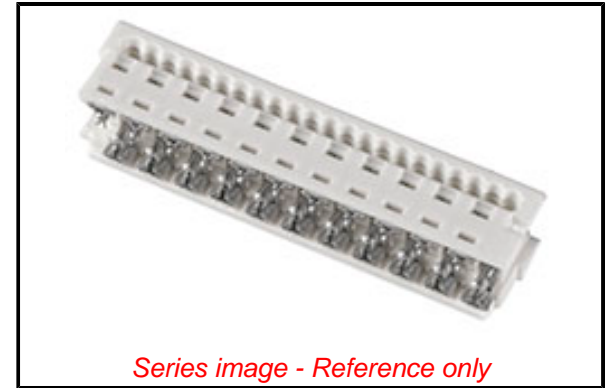
**Physical**

Circuits (Loaded) 22  
Circuits (maximum) 22  
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 [1.547/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

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 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>

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-90327-001-001

PS-99020-0011-001

SDA-90327

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 03/30/2021

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