

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0903270320](#)
Status: **Active**
Overview: [Picoflex Ribbon-Cable Connectors](#)
Description: [Picoflex PF-50, Low Profile, IDT Receptacle, 20 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

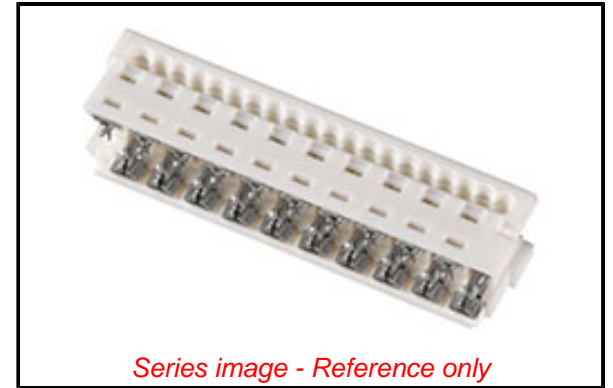
Product Family Ribbon Cable / Wire Trap Connectors
 Series [90327](#)
 Comments Low Profile
 Component Type Housing
 Glow-Wire Capable No
 Overview [Picoflex Ribbon-Cable Connectors](#)
 Product Name Picoflex
 UPC 800753538177

Physical

Circuits (Loaded) 20
 Circuits (maximum) 20
 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 1.200/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 -
 ECHA_01_2020 (16
 January 2020

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 [621006000](#)

Extraction Tool (Plastic) for 4-26 Circuit [690081070](#)

Handtool for Connectors, 4-26 Circuit [690081090](#)

Material Info**Reference - Drawing Numbers**

Packaging Specification
Product Specification
Sales Drawing

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

Arbor Press Fixture	<u>690201902</u>
Arbor Press Fixture	<u>690201908</u>
Semi-Automatic	<u>691271001</u>
Bench Press PB14 for 4-26 Circuit	
Semi-Automatic	<u>691271004</u>
PB14 Bench Press with Auto De-reeling	
Assembly of De- Tape Unit for	<u>691275045</u>
PB14 Part Number	
691271001	

This document was generated on 03/11/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION