

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0903273308**
Status: **Active**
Overview: Picoflex Ribbon-Cable Connectors
Description: Picoflex PF-50, Low Profile, IDT Receptacle, 8 Circuits, White, Palladium Nickel with Gold (Au) Flash 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

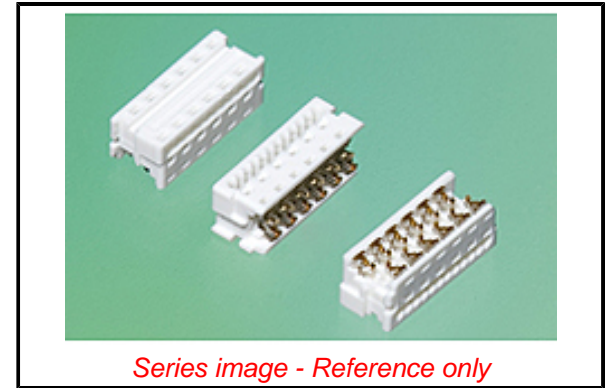
Product Family Ribbon Cable / Wire Trap Connectors
 Series [90327](#)
 Comments Low Profile
 Component Type Housing
 Glow-Wire Capable No
 Overview [Picoflex Ribbon-Cable Connectors](#)
 Product Name Picoflex
 UPC 800753670051

Physical

Circuits (Loaded) 8
 Circuits (maximum) 8
 Color - Resin White
 Durability (mating cycles max) 100
 Entry Angle Vertical
 Flammability 94V-0
 Lock to Mating Part Yes
 Material - Metal Phosphor Bronze
 Material - Plating Mating Palladium Nickel
 Material - Plating Termination Gold
 Material - Resin Polyester
 Net Weight 0.520/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



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

Voltage - Maximum	250V
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-90327-001-001
Product Specification	PS-99020-0011-001

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 05/15/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[90327-3308](#)