

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

**Part Number:** **0903270360**  
**Status:** **Active**  
**Overview:** Picoflex Ribbon-Cable Connectors  
**Description:** Picoflex PF-50, Low Profile, IDT Receptacle, 8 Circuits, White, Tin (Sn) Plated, Reeling Option B

**Documents:**

3D Model [Product Specification PS-99020-0011-001 \(PDF\)](#)  
Drawing (PDF) [Packaging Specification PK-90327-001-001 \(PDF\)](#)  
3D Model (PDF) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

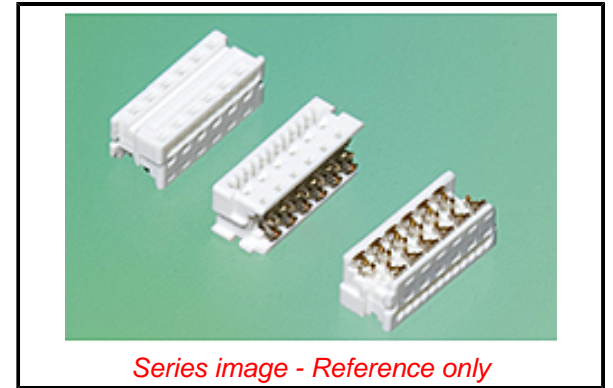
Product Family Ribbon Cable / Wire Trap Connectors  
 Series 90327  
 Comments Low Profile|Reeling Option B  
 Component Type Housing  
 Glow-Wire Capable No  
 Overview Picoflex Ribbon-Cable Connectors  
 Product Name Picoflex  
 UPC 800753673229

**Physical**

Circuits (Loaded) 8  
 Circuits (maximum) 8  
 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 0.510/g  
 Number of Rows 2  
 PCB Locator No  
 PCB Retention None  
 Packaging Type Embossed Tape on Reel  
 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 -  
 D(2020)4578-DC (25  
 June 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	<u>621006000</u>
Extraction Tool (Plastic) for 4-26 Circuit	<u>690081070</u>
Semi-Automatic Bench Press PB14 for 4-26 Circuit	<u>691271001</u>

Voltage - Maximum

250V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

PK-90327-001-001

Product Specification

PS-99020-0011-001

Sales Drawing

SDA-90327

Semi-Automatic 691271004

PB14 Bench Press

with Auto De-reeling

Assembly of De- 691275045

Tape Unit for

PB14 Part Number

691271001

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