

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0903270380**
Status: **Active**
Overview: Picoflex Ribbon-Cable Connectors
Description: Picoflex PF-50, Low Profile, IDT Receptacle, 18 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

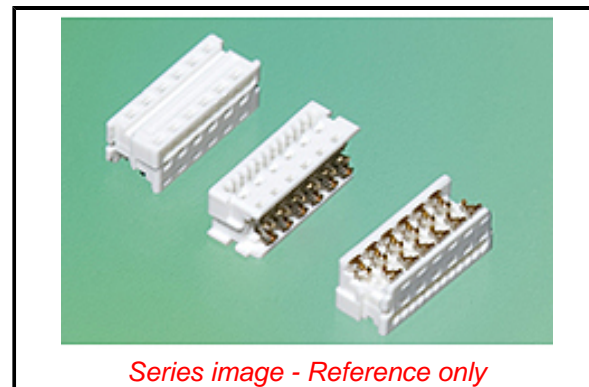
Product Family Ribbon Cable / Wire Trap Connectors
 Series [90327](#)
 Comments Low Profile|Reeling Option B
 Component Type Housing
 Glow-Wire Capable No
 Overview [Picoflex Ribbon-Cable Connectors](#)
 Product Name Picoflex
 UPC 800753672376

Physical

Circuits (Loaded) 18
 Circuits (maximum) 18
 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 1.073/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(2021)4569-DC (8
 July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Not Relevant

ELV

Not Relevant

RoHS Phthalates

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 for Picoflex PF-50 Connectors, 4-26 Circuits	690081070

Voltage - Maximum

250V

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-90327-001-001

PS-99020-0011-001

SDA-90327-001, SDA-90327-002

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

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[90327-0380](#)