

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

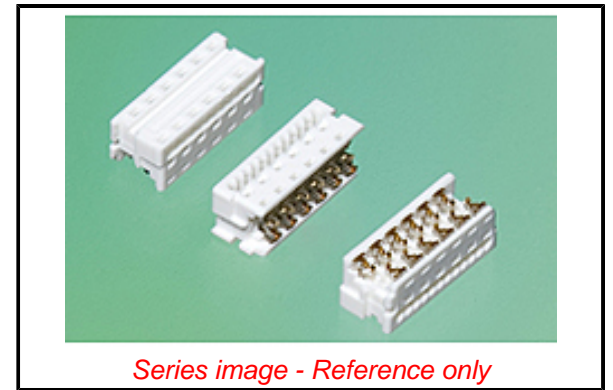
Product Family Ribbon Cable / Wire Trap Connectors
 Series 90327
 Comments Low Profile|Reeling Option B
 Component Type Housing
 Glow-Wire Capable No
 Overview Picoflex Ribbon-Cable Connectors
 Product Name Picoflex
 UPC 800753673229

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)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 621006000

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

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 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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