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Part Number: [90327-0376](#)
Status: **Active**
Overview: [Picoflex® Connectors](#)
Description: Picoflex® PF-50, Low Profile, IDT Receptacle, 16 Circuits, White, Tin (Sn) Plated, Reeling Option B

Documents:
[3D Model](#) [Packaging Specification PK-90327-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

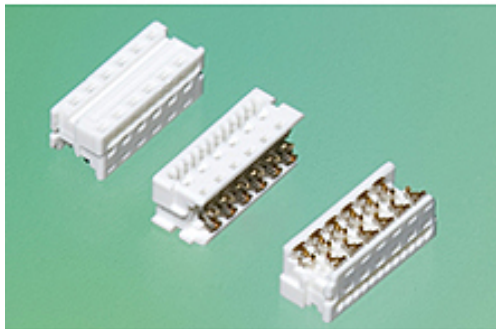
Product Family Ribbon Cable / Wire Trap Connectors
Series [90327](#)
Comments Low Profile|Reeling Option B
Component Type Housing
Glow-Wire Compliant No
Overview [Picoflex® Connectors](#)
Product Name Picoflex®
UPC 800753672505

Physical

Circuits (Loaded) 16
Circuits (maximum) 16
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 0.937/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°C 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 RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[90327Series](#)

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	0621006000
Extraction Tool (Plastic) for 4-26 Circuit	0690081070
Semi-Automatic Bench Press PB14 for 4-26 Circuit	0691271001

Voltage - Maximum	250V	Semi-Automatic PB14 Bench Press with Auto De-reeling Assembly of De-Tape Unit for PB14 Part Number 069127-1001
Material Info		<u>0691271004</u>
Reference - Drawing Numbers		<u>0691275045</u>
Packaging Specification	PK-90327-001	
Sales Drawing	SDA-90327	

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