

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

**Part Number:** [0903270316](#)  
**Status:** **Active**  
**Overview:** [Picoflex Ribbon-Cable Connectors](#)  
**Description:** Picoflex PF-50, Low Profile, IDT Receptacle, 16 Circuits, White, Tin (Sn) Plated, Bag

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-99020-0011-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-90327-001-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

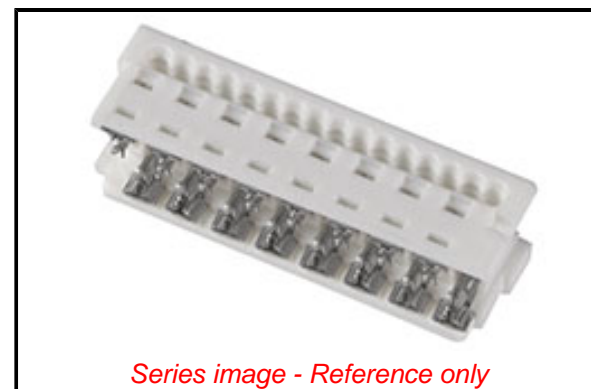
Product Family	Ribbon Cable / Wire Trap Connectors
Series	<a href="#">90327</a>
Comments	Low Profile
Component Type	Housing
Glow-Wire Capable	No
Overview	<a href="#">Picoflex Ribbon-Cable Connectors</a>
Product Name	Picoflex
UPC	800753538153

**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	0.946/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
Voltage - Maximum	250V



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	<a href="#">621006000</a>
Extraction Tool for Picoflex PF-50 Connectors, 4-26 Circuits	<a href="#">690081070</a>
PremiumGrade Hand Crimp Tool	<a href="#">690081090</a>

**Solder Process Data**

Lead-free Process Capability

N/A

**Material Info****Reference - Drawing Numbers**

Packaging Specification

PK-90327-001-001

Product Specification

PS-99020-0011-001

Sales Drawing

SDA-90327-001

for Picoflex PF-50  
IDT Receptacle,  
4-26 Circuits, 26  
or 28 AWG Flat  
Cable, 1.00mm max.  
thickness

Arbor Press Fixture [690201902](#)Arbor Press Fixture [690201908](#)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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