

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

**Part Number:** **0903270355**  
**Status:** **Active**  
**Overview:** Picoflex Ribbon-Cable Connectors  
**Description:** Picoflex PF-50, Low Profile, IDT Receptacle, 6 Circuits, White, Tin (Sn) Plated, Reeling Option A

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 908140000-AS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-90327-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-99020-0011-001 (PDF)</a>	

**Agency Certification**

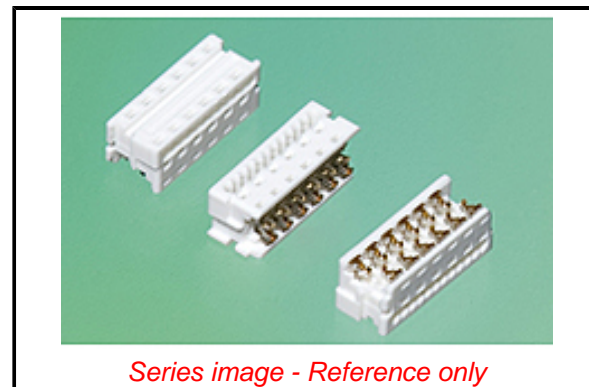
CSA	LR19980
UL	E29179

**General**

Product Family	Ribbon Cable / Wire Trap Connectors
Series	<a href="#">90327</a>
Comments	Low Profile, Reeling Option A
Component Type	Housing
Gender	Receptacle
Glow-Wire Capable	No
Overview	<a href="#">Picoflex Ribbon-Cable Connectors</a>
Product Name	Picoflex
Taxonomy	Connector Housings
UPC	800753673502

**Physical**

Circuits (Loaded)	6
Circuits (maximum)	6
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	0.399/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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**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>

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

1.2A  
250V

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

Application Specification  
Packaging Specification  
Product Specification  
Sales Drawing

908140000-AS-000  
PK-90327-001-001  
PS-99020-0011-001  
SDA-90327-001

Semi-Automatic Bench Press PB14 for 4-26 Circuit	<u>691271001</u>
Semi-Automatic PB14 Bench Press with Auto De-reeling	<u>691271004</u>
Assembly of De- Tape Unit for PB14 Part Number	<u>691275045</u>
691271001	

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