

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0903273318**
Status: **Active**
Overview: Picoflex Ribbon-Cable Connectors
Description: Picoflex PF-50, Low Profile, IDT Receptacle, 18 Circuits, White, Palladium Nickel with Gold (Au) Flash Plated, Bag

Documents:

3D Model (PDF)	Product Specification PS-99020-0011-001 (PDF)
Drawing (PDF)	Packaging Specification PK-90327-001-001 (PDF)
3D Model	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

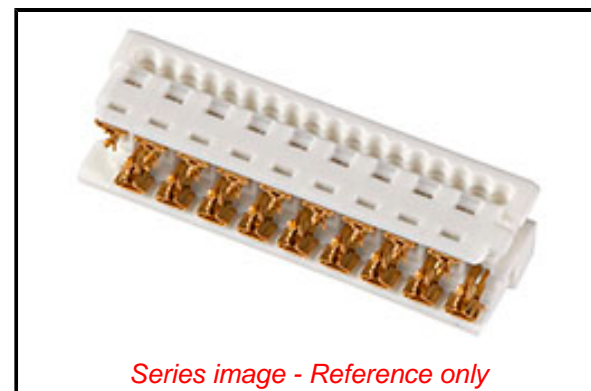
Product Family	Ribbon Cable / Wire Trap Connectors
Series	90327
Comments	Low Profile
Component Type	Housing
Glow-Wire Capable	No
Overview	Picoflex Ribbon-Cable Connectors
Product Name	Picoflex
UPC	800753669499

Physical

Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	White
Durability (mating cycles max)	100
Entry Angle	Vertical
Flammability	94V-0
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Palladium Nickel
Material - Plating Termination	Gold
Material - Resin	Polyester
Net Weight	2.737/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
-------------------------------	------



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
PremiumGrade Hand Crimp Tool	690081090

Voltage - Maximum

250V

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-90327-001-001

Product Specification

PS-99020-0011-001

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

This document was generated on 04/06/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION