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Part Number: [0903273310](#)
Status: **Active**
Overview:
Description: Picoflex PF-50, Low Profile, IDT Receptacle, 10 Circuits, White, Palladium Nickel with Gold (Au) Flash Plated, Bag

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
Product Name	Picoflex
UPC	800753670082

Physical

Circuits (Loaded)	10
Circuits (maximum)	10
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	1.546/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

Solder Process Data

Lead-free Process Capability	N/A
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Material Info

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

Green Image

ELV

Not Relevant

RoHS Phthalates

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 #
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Extractor Tool for	621006000
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Connectors	
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Extraction Tool	690081070
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for Picoflex PF-50

Connectors, 4-26

Circuits

PremiumGrade	690081090
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Hand Crimp Tool

for Picoflex PF-50

IDT Receptacle,

4-26 Circuits, 26

or 28 AWG Flat

Cable, 1.00mm max.

thickness

Arbor Press Fixture	690201902
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Arbor Press Fixture	690201908
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Semi-Automatic	691271001
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Bench Press PB14

for 4-26 Circuit

Reference - Drawing Numbers

Packaging Specification

Product Specification

PK-90327-001-001

PS-99020-0011-001

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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