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Part Number: [0903273320](#)
Status: **Active**
Overview: [Picoflex Ribbon-Cable Connectors](#)
Description: [Picoflex PF-50, Low Profile, IDT Receptacle, 20 Circuits, White, Gold \(Au\) Plated, Bag](#)

Documents:

| | |
|---|--|
| 3D Model (PDF) | Application Specification 908140000-AS-000 (PDF) |
| Drawing (PDF) | Packaging Specification PK-90327-001-001 (PDF) |
| 3D Model | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-99020-0011-001 (PDF) | |

Agency Certification

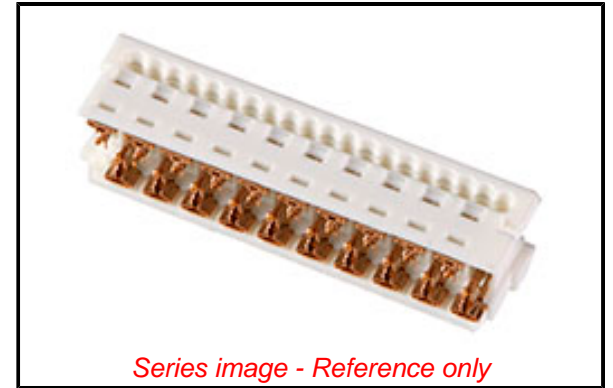
| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|-------------------|--|
| Product Family | Ribbon Cable / Wire Trap Connectors |
| Series | 90327 |
| Comments | Low Profile |
| Component Type | Housing |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Overview | Picoflex Ribbon-Cable Connectors |
| Product Name | Picoflex |
| Taxonomy | Connector Housings |
| UPC | 800753669550 |

Physical

| | |
|--------------------------------|-----------------|
| Circuits (Loaded) | 20 |
| Circuits (maximum) | 20 |
| 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 | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | Polyester |
| Net Weight | 1.180/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 |



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 | 621006000 |
|-------------------------------|---------------------------|

| | |
|--|---------------------------|
| Extraction Tool for Picoflex PF-50 Connectors, 4-26 Circuits | 690081070 |
|--|---------------------------|

| | |
|------------------------------|---------------------------|
| PremiumGrade Hand Crimp Tool | 690081090 |
|------------------------------|---------------------------|

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

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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