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Part Number:

0903273324

Status:

Active

Overview:

Picoflex Ribbon-Cable Connectors

Description:

Picoflex PF-50, Low Profile, IDT Receptacle, 24 Circuits, White, Gold (Au) Plated, Bag

Documents:

Drawing (PDF)

3D Model

3D Model (PDF)

Product Specification PS-99020-0011-001 (PDF)

Application Specification 908140000-AS-000 (PDF)

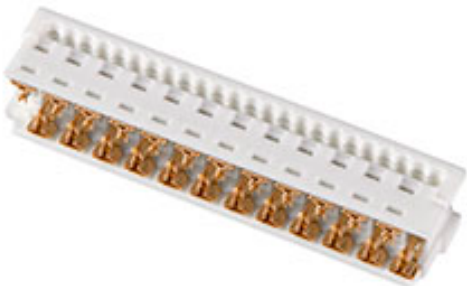
Packaging Specification PK-90327-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                      |  |                                     |
|----------------------|--|-------------------------------------|
| Agency Certification |  |                                     |
| CSA                  |  | LR19980                             |
| 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                  |  | 756054673638                        |

|                                |  |                 |
|--------------------------------|--|-----------------|
| Physical                       |  |                 |
| Circuits (Loaded)              |  | 24              |
| Circuits (maximum)             |  | 24              |
| 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                     |  | 3.864/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



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China 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 <a href="#">Contact US</a> |               |
| 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 # |
| Extractor Tool for Connectors                                | 621006000 |
| Extraction Tool for Picoflex PF-50 Connectors, 4-26 Circuits | 690081070 |
| PremiumGrade Hand Crimp Tool                                 | 690081090 |

|                                    |                   |                                               |
|------------------------------------|-------------------|-----------------------------------------------|
| Current - Maximum per Contact      | 1.2A              | for Picoflex PF-50                            |
| Voltage - Maximum                  | 250V              | IDT Receptacle,                               |
| <b>Material Info</b>               |                   | 4-26 Circuits, 26                             |
|                                    |                   | or 28 AWG Flat                                |
|                                    |                   | Cable, 1.00mm max.                            |
|                                    |                   | thickness                                     |
| <b>Reference - Drawing Numbers</b> |                   | Arbor Press Fixture <a href="#">690201902</a> |
| Application Specification          | 908140000-AS-000  | Arbor Press Fixture <a href="#">690201908</a> |
| Packaging Specification            | PK-90327-001-001  | Semi-Automatic <a href="#">691271001</a>      |
| Product Specification              | PS-99020-0011-001 | Bench Press PB14                              |
| Sales Drawing                      | SDA-90327-001     | for 4-26 Circuit                              |
|                                    |                   | Semi-Automatic <a href="#">691271004</a>      |
|                                    |                   | PB14 Bench Press                              |
|                                    |                   | with Auto De-reeling                          |
|                                    |                   | Assembly of De- <a href="#">691275045</a>     |
|                                    |                   | Tape Unit for                                 |
|                                    |                   | PB14 Part Number                              |
|                                    |                   | 691271001                                     |

This document was generated on 02/02/2023

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