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Part Number:

0903273316

Status:

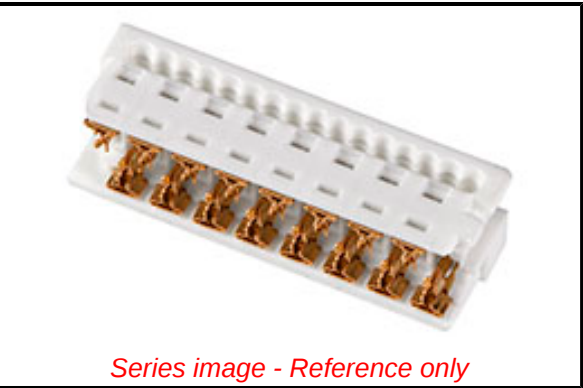
Active

Overview:

Picoflex Ribbon-Cable Connectors

Description:

Picoflex PF-50, Low Profile, IDT Receptacle, 16 Circuits, White, Gold (Au) Plated, Bag



|                                                               |                                                                  |
|---------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                    |                                                                  |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Application Specification 908140000-AS-000 (PDF)</a> |
| <a href="#">3D Model</a>                                      | <a href="#">Packaging Specification PK-90327-001-001 (PDF)</a>   |
| <a href="#">Drawing (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                         | 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                            | 800753669840                        |
| Physical                       |                                     |
| Circuits (Loaded)              | 16                                  |
| Circuits (maximum)             | 16                                  |
| 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                     | 2.425/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                        |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| 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 |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.2A |
| Voltage - Maximum             | 250V |

**Material Info**

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | 908140000-AS-000  |
| Packaging Specification   | PK-90327-001-001  |
| Product Specification     | PS-99020-0011-001 |
| Sales Drawing             | 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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