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Part Number:

0903250010

Status:

Active

Overview:

Picoflex Ribbon-Cable Connectors

Description:

Picoflex PF-50 Header, Vertical, Low Profile, with PCB Pegs, 10 Circuits, Tin (Sn) Plating

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

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

Packaging Specification PK-90325-002-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

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

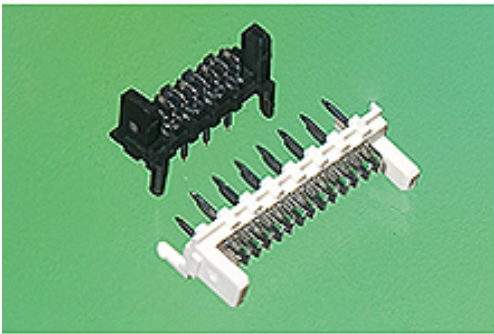
General

|                |                                  |
|----------------|----------------------------------|
| Product Family | PCB Headers                      |
| Series         | 90325                            |
| Application    | Signal, Wire-to-Board            |
| Comments       | Low Profile                      |
| Overview       | Picoflex Ribbon-Cable Connectors |
| Product Name   | Picoflex                         |
| Taxonomy       | PCB Headers and Receptacles      |
| UPC            | 800753753587                     |

Physical

|                                |                |
|--------------------------------|----------------|
| Breakaway                      | No             |
| Circuits (Loaded)              | 10             |
| Circuits (maximum)             | 10             |
| Color - Resin                  | Black          |
| Durability (mating cycles max) | 30             |
| First Mate / Last Break        | No             |
| Flammability                   | 94V-0          |
| Glow-Wire Capable              | No             |
| Guide to Mating Part           | No             |
| Keying to Mating Part          | None           |
| Lock to Mating Part            | Yes            |
| Material - Metal               | Brass          |
| Material - Plating Mating      | Tin            |
| Material - Resin               | Polyester      |
| Net Weight                     | 0.459/g        |
| Number of Rows                 | 1              |
| Orientation                    | Vertical       |
| PCB Retention                  | Yes            |
| PCB Thickness - Recommended    | 1.60mm         |
| Packaging Type                 | Bag            |
| Pitch - Mating Interface       | 1.27mm         |
| Pitch - Termination Interface  | 1.27mm         |
| Polarized to Mating Part       | Yes            |
| Polarized to PCB               | Yes            |
| Shrouded                       | No             |
| Stackable                      | No             |
| Surface Mount Compatible (SMC) | No             |
| Temperature Range - Operating  | -40° to +105°C |
| Termination Interface: Style   | Through Hole   |

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

90325 Series

Mates With

90327 IDT Connector

|                                                |                   |
|------------------------------------------------|-------------------|
| Current - Maximum per Contact                  | 1.2A              |
| Voltage - Maximum                              | 250V              |
| <b>Solder Process Data</b>                     |                   |
| Duration at Max. Process Temperature (seconds) | 005               |
| Lead-freeProcess Capability                    | WAVE              |
| Max. Cycles at Max. Process Temperature        | 001               |
| Process Temperature max. C                     | 230               |
| <b>Material Info</b>                           |                   |
| <b>Reference - Drawing Numbers</b>             |                   |
| Packaging Specification                        | PK-90325-002-001  |
| Product Specification                          | PS-99020-0011-001 |
| Sales Drawing                                  | SDA-90325-001     |

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