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Part Number:

0908140908

Status:

Active

Overview:

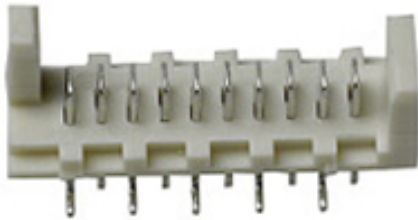
Picoflex Ribbon-Cable Connectors

Description:

Picoflex PF-50 Header with PCB Pegs, Vertical, Low Profile, Surface Mount, Tin (Sn) Plated, 8 Circuits, Tape and Reel, Natural

|                                |                                                                  |
|--------------------------------|------------------------------------------------------------------|
| Documents:                     |                                                                  |
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-99020-0011-001 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>  | <a href="#">Application Specification 908140000-AS-000 (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Agency Certification           |                                                  |
| UL                             | E29179                                           |
| Application tooling part link  |                                                  |
| Application Tooling Part Link  | 69008-1070                                       |
| General                        |                                                  |
| Product Family                 | PCB Headers                                      |
| Series                         | 90814                                            |
| Application                    | Signal, Wire-to-Board                            |
| Comments                       | Low Profile                                      |
| Component Type                 | PCB Header                                       |
| Overview                       | <a href="#">Picoflex Ribbon-Cable Connectors</a> |
| Product Name                   | Picoflex                                         |
| Taxonomy                       | PCB Headers and Receptacles                      |
| UPC                            | 800756883274                                     |
| Physical                       |                                                  |
| Breakaway                      | No                                               |
| Circuits (Loaded)              | 8                                                |
| Circuits (maximum)             | 8                                                |
| Color - Resin                  | Natural                                          |
| 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               | High Temperature Thermoplastic                   |
| Net Weight                     | 0.519/g                                          |
| Number of Rows                 | 1                                                |
| Orientation                    | Vertical                                         |
| PCB Locator                    | Yes                                              |
| PCB Retention                  | Yes                                              |
| PCB Thickness - Recommended    | 1.60mm                                           |
| Packaging Type                 | Embossed Tape on Reel                            |
| Pitch - Mating Interface       | 1.27mm                                           |
| Pitch - Termination Interface  | 1.27mm                                           |
| Plating min - Mating           | 3.048µm                                          |
| Plating min - Termination      | 3.048µm                                          |
| Polarized to Mating Part       | Yes                                              |
| Polarized to PCB               | Yes                                              |
| Shrouded                       | No                                               |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained per - D(2022)9120-DC (17 Jan 2023)              |               |
| 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

[90814](#) Series

Mates With

[90327](#) IDT Connector

|                                                                                                                                                                                 |                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Application Tooling   <a href="#">FAQ</a>                                                                                                                                       |                           |
| 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 #                 |
| Extraction Tool for Picoflex PF-50 Connectors, 4-26 Circuits                                                                                                                    | <a href="#">690081070</a> |

|                                                |                              |
|------------------------------------------------|------------------------------|
| Stackable                                      | No                           |
| Surface Mount Compatible (SMC)                 | Yes                          |
| Temperature Range - Operating                  | -40° to +105°C               |
| Termination Interface: Style                   | Surface Mount                |
| <b>Electrical</b>                              |                              |
| Current - Maximum per Contact                  | 2.4A                         |
| Voltage - Maximum                              | 250V AC/DC                   |
| <b>Solder Process Data</b>                     |                              |
| Duration at Max. Process Temperature (seconds) | 003                          |
| Lead-freeProcess Capability                    | REFLOW                       |
| Max. Cycles at Max. Process Temperature        | 001                          |
| Process Temperature max. C                     | 260                          |
| <b>Material Info</b>                           |                              |
| <b>Reference - Drawing Numbers</b>             |                              |
| Application Specification                      | 908140000-AS-000             |
| Product Specification                          | PS-99020-0011-001            |
| Sales Drawing                                  | 908149002-000, SDA-90814-001 |

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