

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0908143712

Status:

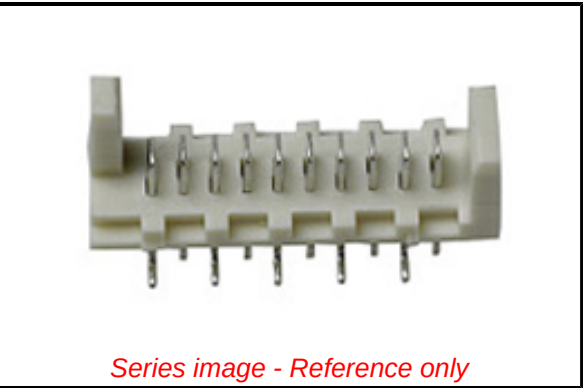
Active

Overview:

Picoflex® Ribbon-Cable Connectors

Description:

Picoflex® PF-50 Header without PCB Pegs, Vertical, Low Profile, Surface Mount, PdNi with Gold Flash Plating, 12 Circuits, Tape and Reel, Natural



Series image - Reference only

Documents:

3D Model

Drawing (PDF)

Product Specification PS-99020-0011 (PDF)

Packaging Specification SDA-90814-9001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                   |
|--------------------------------|-----------------------------------|
| Agency Certification           |                                   |
| UL                             | E29179                            |
| General                        |                                   |
| Product Family                 | PCB Headers                       |
| Series                         | 90814                             |
| Application                    | Signal, Wire-to-Board             |
| Application Tooling Part Link  | 69008-1070                        |
| Comments                       | Low Profile                       |
| Overview                       | Picoflex® Ribbon-Cable Connectors |
| Product Name                   | Picoflex®                         |
| UPC                            | 800756883762                      |
| Physical                       |                                   |
| Breakaway                      | No                                |
| Circuits (Loaded)              | 12                                |
| Circuits (maximum)             | 12                                |
| Color - Resin                  | Natural                           |
| Durability (mating cycles max) | 100                               |
| First Mate / Last Break        | No                                |
| Flammability                   | 94V-0                             |
| Glow-Wire Compliant            | No                                |
| Guide to Mating Part           | No                                |
| Keying to Mating Part          | None                              |
| Lock to Mating Part            | Yes                               |
| Material - Metal               | Brass                             |
| Material - Plating Mating      | Gold over Palladium Nickel        |
| Material - Resin               | High Temperature Thermoplastic    |
| Net Weight                     | 0.697/g                           |
| Number of Rows                 | 1                                 |
| Orientation                    | Vertical                          |
| PCB Locator                    | No                                |
| 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           | 0.762µm                           |
| Plating min - Termination      | 0.102µm                           |
| Polarized to Mating Part       | Yes                               |
| Polarized to PCB               | No                                |
| Shrouded                       | No                                |
| Stackable                      | No                                |
| Surface Mount Compatible (SMC) | Yes                               |
| Temperature Range - Operating  | -40°C to +105°C                   |
| Termination Interface: Style   | Surface Mount                     |

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

90814 Series

Mates With

90327 IDT Connector

**Electrical**

|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 2.4A       |
| Voltage - Maximum             | 250V AC/DC |

**Material Info**

**Reference - Drawing Numbers**

|                         |                |
|-------------------------|----------------|
| Packaging Specification | SDA-90814-9001 |
| Product Specification   | PS-99020-0011  |
| Sales Drawing           | SDA-90814      |

This document was generated on 01/12/2017

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

90814-3712