

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0908163022

Status:

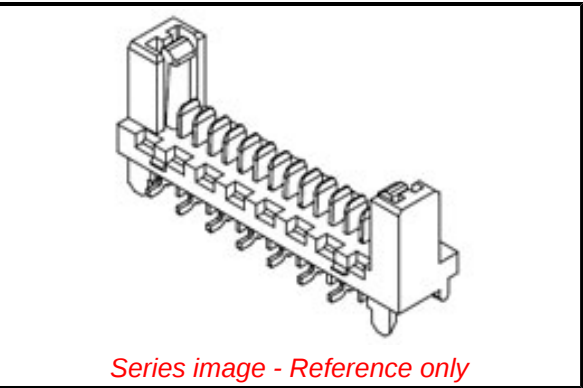
Active

Overview:

Picoflex Ribbon-Cable Connectors

Description:

Picoflex Surface Mount Latched Vertical Header with PCB Pegs, 22 Circuits, PdNi with Gold Flash Plating, Black



Documents:

3D Model

Drawing (PDF)

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

Packaging Specification PK-90816-001-001 (PDF)

Packaging Specification PK-90816-006-001 (PDF)

Test Summary TS-90816-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                  |
|--------------------------------|----------------------------------|
| General                        |                                  |
| Product Family                 | PCB Headers                      |
| Series                         | 90816                            |
| 3D Viewer                      | Yes                              |
| Application                    | Signal, Wire-to-Board            |
| CURRENT-MAX-NUMERIC            | 1.2                              |
| Overview                       | Picoflex Ribbon-Cable Connectors |
| PITCH-MATING-NUMERIC           | 1.27                             |
| Product Name                   | Picoflex                         |
| UPC                            | 883906499341                     |
| Physical                       |                                  |
| Breakaway                      | No                               |
| Circuits (Loaded)              | 22                               |
| Circuits (maximum)             | 22                               |
| Color - Resin                  | Black                            |
| Durability (mating cycles max) | 5                                |
| First Mate / Last Break        | No                               |
| Glow-Wire Capable              | No                               |
| Guide to Mating Part           | No                               |
| Keying to Mating Part          | N/A                              |
| Lock to Mating Part            | Yes                              |
| Material - Metal               | Brass                            |
| Material - Plating Mating      | Gold over Palladium Nickel       |
| Material - Plating Termination | Nickel                           |
| Material - Resin               | Nylon                            |
| Net Weight                     | 1.056/g                          |
| Number of Rows                 | 1                                |
| Orientation                    | Vertical                         |
| PC Tail Length                 | 1.05mm                           |
| PCB Locator                    | Yes                              |
| PCB Retention                  | None                             |
| PCB Thickness - Recommended    | 1.60mm                           |
| Packaging Type                 | Tube                             |
| Pitch - Mating Interface       | 1.27mm                           |
| Pitch - Termination Interface  | 1.27mm                           |
| Plating min - Mating           | 0.762µm                          |
| Polarized to Mating Part       | Yes                              |
| Polarized to PCB               | Yes                              |
| Shrouded                       | Partial                          |
| Stackable                      | No                               |
| Surface Mount Compatible (SMC) | Yes                              |
| Temperature Range - Operating  | -40° to +105°C                   |
| Termination Interface: Style   | Surface Mount                    |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/71/2019 (16 July

2019)

Halogen-Free

Status

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

90816 Series

Mates With

90327 Picoflex PF-50

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                         |                                    |
|-------------------------|------------------------------------|
| Packaging Specification | PK-90816-001-001, PK-90816-006-001 |
| Product Specification   | PS-99020-0011-001                  |
| Sales Drawing           | SD-90816-001                       |
| Test Summary            | TS-90816-001-001                   |

This document was generated on 09/25/2019

**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:](#)

[90816-3022](#)