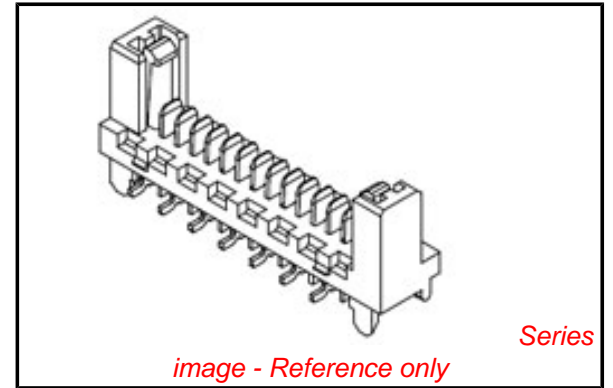


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Part Number: [90816-3216](#)
Status: **Active**
Overview: [Picoflex® Connectors](#)
Description: 1.27mm Pitch Picoflex® SMT Latched Vertical Header with PCB Pegs, 16 Circuits, Gold (Au) Plating, Black

Documents:

| | |
|---|--|
| 3D Model | Packaging Specification PK-90816-001 (PDF) |
| Drawing (PDF) | Test Summary TS-90816-001 (PDF) |
| Product Specification PS-99020-0011 (PDF) | RoHS Certificate of Compliance (PDF) |



General


| | |
|----------------|--------------------------------------|
| Product Family | PCB Headers |
| Series | 90816 |
| Application | Signal, Wire-to-Board |
| Overview | Picoflex® Connectors |
| Product Name | Picoflex® |
| UPC | 883906499419 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 16 |
| Circuits (maximum) | 16 |
| Color - Resin | Black |
| Durability (mating cycles max) | 5 |
| First Mate / Last Break | No |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Keying to Mating Part | N/A |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Nickel |
| Material - Resin | Nylon |
| Net Weight | 0.923/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| PC Tail Length | 1.05mm |
| 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 | 0.762µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Partial |
| Stackable | No |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical

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

| | |
|--|--|
| EU RoHS ELV and RoHS Compliant REACH SVHC Not Reviewed Low-Halogen Status Not Reviewed | China RoHS  |
|--|--|

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series

[90816Series](#)

Mates With

[90327 Picoflex® PF-50](#)

Material Info

Reference - Drawing Numbers

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

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