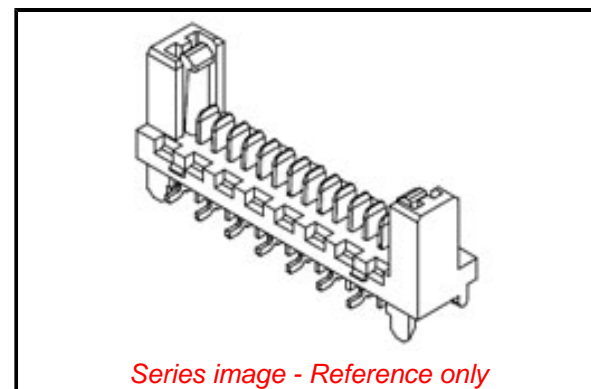


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Part Number: [0908160014](#)
Status: **Active**
Overview: [Picoflex Ribbon-Cable Connectors](#)
Description: Picoflex Surface Mount Latched Vertical Header with PCB Pegs, 14 Circuits, Tin (Sn) Plating, Black

Documents:

| | |
|---|--|
| 3D Model | Packaging Specification PK-90816-001-001 (PDF) |
| 3D Model (PDF) | Packaging Specification PK-90816-006-001 (PDF) |
| Drawing (PDF) | Test Summary TS-90816-001-001 (PDF) |
| Product Specification PS-99020-0011-001 (PDF) | RoHS Certificate of Compliance (PDF) |



General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 90816 |
| Application | Signal, Wire-to-Board |
| Overview | Picoflex Ribbon-Cable Connectors |
| Product Name | Picoflex |
| UPC | 883906498856 |

Physical

| | |
|--------------------------------|----------------|
| Breakaway | No |
| Circuits (Loaded) | 14 |
| Circuits (maximum) | 14 |
| 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 | Tin |
| Material - Plating Termination | Nickel |
| Material - Resin | Nylon |
| Net Weight | 0.687/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 | 0.076µm |
| 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 |

Electrical

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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[90816](#) Series

Mates With

[90327](#) Picoflex PF-50

Material Info

Reference - Drawing Numbers

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

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