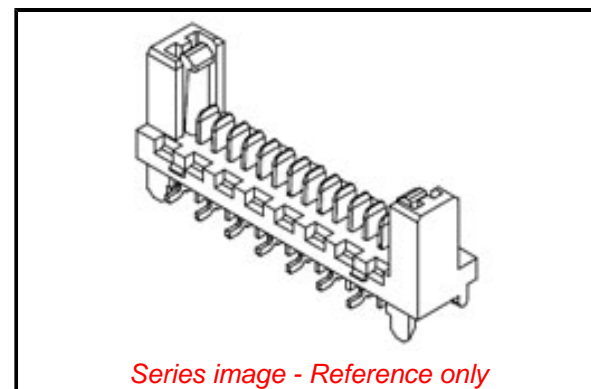


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Part Number: **0908160018**
Status: **Active**
Overview: Picoflex Ribbon-Cable Connectors
Description: Picoflex Surface Mount Latched Vertical Header with PCB Pegs, 18 Circuits, Tin (Sn) Plating, Black

Documents:

| | |
|--|--|
| 3D Model | 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) |
| Packaging Specification PK-90816-001-001 (PDF) | |



General

| | |
|----------------------|---|
| Product Family | PCB Headers |
| Series | <u>90816</u> |
| 3D Viewer | Yes |
| Application | Signal, Wire-to-Board |
| CURRENT-MAX-NUMERIC | 1.2 |
| Overview | <u>Picoflex Ribbon-Cable Connectors</u> |
| PITCH-MATING-NUMERIC | 1.27 |
| Product Name | Picoflex |
| UPC | 883906498870 |

Physical

| | |
|--------------------------------|----------------|
| Breakaway | No |
| Circuits (Loaded) | 18 |
| Circuits (maximum) | 18 |
| 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 | 0.882/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 |

EU ELV

Not Relevant

EU RoHS

Compliant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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

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