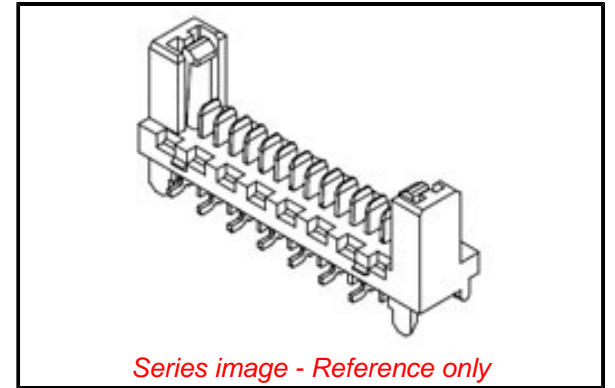


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Part Number: **0908160206**
Status: **Active**
Overview: Picoflex® Ribbon-Cable Connectors
Description: Picoflex® Surface Mount Latched Vertical Header with PCB Pegs, 6 Circuits, Tin (Sn) Plating, Black

Documents:

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



General

| | |
|----------------|-----------------------------------|
| Product Family | PCB Headers |
| Series | 90816 |
| Application | Signal, Wire-to-Board |
| Overview | Picoflex® Ribbon-Cable Connectors |
| Product Name | Picoflex® |
| UPC | 883906498924 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| 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 | Tin |
| Material - Plating Termination | Nickel |
| Material - Resin | Nylon |
| Net Weight | 0.449/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 | Embossed Tape on Reel |
| 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°C 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
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email 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

90816 Series

Mates With

90327 Picoflex® PF-50

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-90816-001-001, PK-90816-006

PS-99020-0011, TS-90816-001-001

SD-90816-001

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