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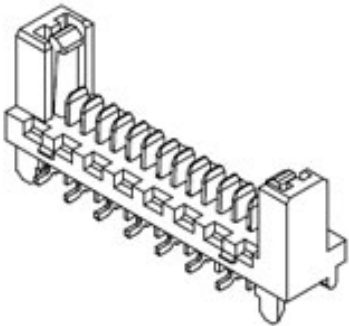
**Part Number:** 0908163318  
**Status:** Active  
**Overview:** Picoflex Ribbon-Cable Connectors  
**Description:** Picoflex Surface Mount Latched Vertical Header without PCB Pegs, 18 Circuits, PdNi with Gold Flash Plating, Black

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-99020-0011-001 \(PDF\)](#)  
[Product Specification TS-90816-001-001 \(PDF\)](#)  
[Packaging Specification PK-90816-001-001 \(PDF\)](#)  
[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 883906499549

**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 Gold over Palladium Nickel  
Material - Plating Termination Nickel  
Material - Resin Nylon  
Net Weight 0.656/g  
Number of Rows 1  
Orientation Vertical  
PC Tail Length 1.05mm  
PCB Locator No  
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 No  
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



Series image - Reference only

**EU ELV**  
**Not Relevant**

**EU RoHS** **China RoHS**  
**Compliant**  
**REACH SVHC**  
Not Contained Per -  
ED/61/2018 (27 June  
2018)  
**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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-90816-001-001
Product Specification	PS-99020-0011-001, TS-90816-001-001
Sales Drawing	SD-90816-001

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