

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0908163022](#)
Status: **Active**
Overview: [Picoflex Ribbon-Cable Connectors](#)
Description: Picoflex Surface Mount Latched Vertical Header with PCB Pegs, 22 Circuits, PdNi with Gold Flash Plating, Black

Documents:

[3D Model](#) [3D Model \(PDF\)](#)
[Drawing \(PDF\)](#) [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	883906499341

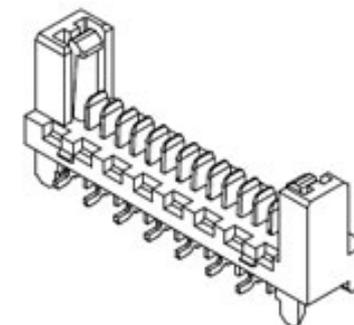
Physical

Breakaway	No
Circuits (Loaded)	22
Circuits (maximum)	22
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	1.056/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	0.762µm
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

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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

This document was generated on 08/18/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION