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Part Number: [90816-0016](#)
Status: **Active**
Overview: [Picoflex® Connectors](#)
Description: Picoflex® Surface Mount Latched Vertical Header with PCB Pegs, 16 Circuits, Tin (Sn) Plating, Black

Documents:
[3D Model](#) [Packaging Specification PK-90816-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Test Summary TS-90816-001 \(PDF\)](#)
[Product Specification PS-99020-0011 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family PCB Headers
Series [90816](#)
Application Signal, Wire-to-Board
Overview [Picoflex® Connectors](#)
Product Name Picoflex®
UPC 883906498863

Physical
Breakaway No
Circuits (Loaded) 16
Circuits (maximum) 16
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 0.784/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°C to +105°C
Termination Interface: Style Surface Mount

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

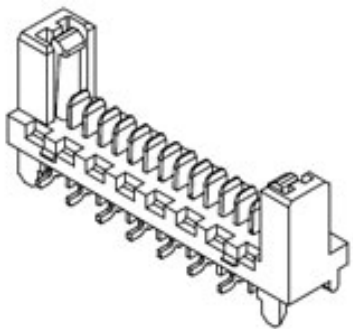


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Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[90816Series](#)

Mates With
[90327](#) Picoflex® PF-50

Material Info

Reference - Drawing Numbers

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

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