

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0908160012

Status:

Active

Overview:

Picoflex Ribbon-Cable Connectors

Description:

Picoflex Surface Mount Latched Vertical Header with PCB Pegs, 12 Circuits, Tin (Sn) Plating, Black

Documents:

- 3D Model

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

Packaging Specification PK-90816-006-001 (PDF)
- Drawing (PDF)

Test Summary TS-90816-001-001 (PDF)
- Product Specification PS-99020-0011-001 (PDF)

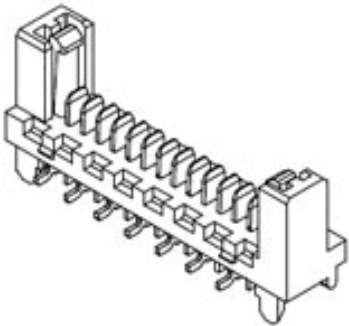
RoHS Certificate of Compliance (PDF)
- Application Specification 908140000-AS-000 (PDF)

General

Product Family	PCB Headers
Series	90816
Application	Signal, Wire-to-Board
Component Type	PCB Header
Overview	Picoflex Ribbon-Cable Connectors
Product Name	Picoflex
Taxonomy	PCB Headers and Receptacles
UPC	883906498849

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	0.588/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

Electrical

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

Material Info

Reference - Drawing Numbers

Application Specification	908140000-AS-000
Packaging Specification	PK-90816-001-001, PK-90816-006-001
Product Specification	PS-99020-0011-001
Sales Drawing	SD-90816-001-001
Test Summary	TS-90816-001-001

This document was generated on 02/06/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION