



Part Number : [908160208](#)

Product Description : Picoflex Surface Mount Latched Vertical Header with PCB Pegs, 8 Circuits, Tin (Sn) Plating, Black

Series Number : 90816

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

[Drawing 908160208_sd.pdf](#)

[Packaging Design Drawing PK-90816-006-001.pdf](#)

3D Models and Design Files

[3D Model 908160208_stp.zip](#)

Specifications

[Application Specification 908140000-AS-000.pdf](#)


[Packaging Specification PK-90816-001-001.pdf](#)

[Product Specification PS-99020-0011-001.pdf](#)

[Test Summary TS-90816-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

[Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	90816
Description	Picoflex Surface Mount Latched Vertical Header with PCB Pegs, 8 Circuits, Tin (Sn) Plating, Black
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Picoflex Ribbon-Cable Connectors
Product Name	Picoflex
UPC	883906498931

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	0.547/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PC Tail Length	1.05mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
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
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
Picoflex PF-50 Low Profile IDT Receptacles	<u>90327</u>