



Part Number : [903250012](#)

Product Description : Picoflex PF-50 Header, Vertical, Low Profile, with PCB Pegs, 12 Circuits, Tin (Sn) Plating

Series Number : 90325

Status : Active

Product Category : PCB Headers and Receptacles

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## Documents & Resources

### Drawings

[Drawing 903250012\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 903250012\\_stp.zip](#)

### Specifications

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


[Packaging Specification PK-90325-002-001.pdf](#)

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

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## 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(2024)4144-DC (27 June 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

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## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	90325
Description	Picoflex PF-50 Header, Vertical, Low Profile, with PCB Pegs, 12 Circuits, Tin (Sn) Plating
Application	Signal, Wire-to-Board
Comments	Low Profile
Component Type	PCB Header
Product Family	Picoflex Ribbon-Cable Connectors
Product Name	Picoflex
UPC	800753538467

### Agency

CSA	LR19980
UL	E29179

### Electrical

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

### Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0

Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Resin	Polyester
Net Weight	0.529/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	No
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

### Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	230

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### Mates With / Use With

#### Mates with Part(s)

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

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