Part Number : 908140912
Product Description : Picoflex PF-50 Header with PCB Pegs, Vertical, Low Profile, Surface Mount, Tin (Sn) Plated, 12 Circuits, Tape and Reel, Natural
Series Number : 90814
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

908140912_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

908140000-AS-000.pdf

PS-99020-0011-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

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Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	90814
Description	Picoflex PF-50 Header with PCB Pegs, Vertical, Low Profile, Surface Mount, Tin (Sn) Plated, 12 Circuits, Tape and Reel, Natural
Application	Signal, Wire-to-Board
Comments	Low Profile
Component Type	PCB Header
Product Name	Picoflex
UPC	800756883298

Agency

UL	E29179

Electrical

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

Physical

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Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Natural
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	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.677/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	3.048µm
Plating min - Termination	3.048µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Unshrouded
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	3

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Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Picoflex PF-50 Low Profile IDT Receptacles	90327

Application Tooling

Global

Description	Part Number
Extraction Tool for Picoflex PF-50 Connectors, 4-26 Circuits	690081070

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