



Part Number : 908140212

Series Number : 90814

Product Category : PCB Headers and Receptacles

Product Description : Picoflex PF-50 Header with PCB Pegs, Vertical, Standard Profile, Surface Mount, Tin (Sn) Plated, 12 Circuits, Tape and Reel, Natural

Status : Active

Documents & Resources

Drawings

Drawing 908140212_sd.pdf

3D Models and Design Files


3D Model 908140212_stp.zip

Specifications

Application Specification 908140000-AS-000.pdf
Product Specification PS-99020-0011-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33; 34; 47; 44; 3; 57; 63
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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	90814
Description	Picoflex PF-50 Header with PCB Pegs, Vertical, Standard Profile, Surface Mount, Tin (Sn) Plated, 12 Circuits, Tape and Reel, Natural
Application	Signal, Wire-to-Board
Comments	Standard Profile
Component Type	PCB Header
Product Family	Picoflex Ribbon-Cable Connectors
Product Name	Picoflex
UPC	800753655898

Agency

UL	E29179
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Electrical

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

Physical

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	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.801/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	No
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	232

Mates With / Use With

Mates with Part(s)

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

Global

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