



Part Number : [191390016](#)

Product Description : Pico-SPOX Wire-to-Board Header, 1.50mm Pitch, Surface Mount, Vertical, Tin (Sn) Plating, with Cap, Liquid Crystal Polymer, 10 Circuits, Beige, Tape and Reel

Series Number : 78047

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[Drawing 780471073_sd.pdf](#)

3D Models and Design Files

[3D Model 780471073_stp.zip](#)

[3D Model PDF 780471073.pdf](#)


Specifications

[Packaging Specification 780479200-200.pdf](#)

[Product Specification PS-78047-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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	78047
Description	Pico-SPOX Wire-to-Board Header, 1.50mm Pitch, Surface Mount, Vertical, Tin (Sn) Plating, with Cap, Liquid Crystal Polymer, 10 Circuits, Beige, Tape and Reel
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Pico-SPOX Wire-to-Board Connector System
Product Name	Pico-SPOX
UPC	884982253391

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	250V AC

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Beige
Durability (mating cycles max)	10

First Mate / Last Break	No
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 - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	524.900/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	1.50mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Robotic Placement	Pick and Place Cap
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
Pico-SPOX Single Row Receptacle Housings	<u>87439</u>

Global

Description	Part Number
Crimp Head for the AT-200 Pneumatic Hand Tool	<u>0192830001</u>
Crimp Head for the AT-200 Pneumatic Hand Tool	<u>0192830003</u>
Crimp Head for the AT-200 Pneumatic Hand Tool	<u>0192830006</u>
Hand Crimp Tool	<u>0192850004</u>
Hand Crimp Tool	<u>0192850006</u>
Hand Crimp Tool	<u>0192850010</u>
PremiumGrade Hand Crimp Tool for Avikrimp and Insulkrimp Terminals and Splices, 10-22 AWG and 6.0-0.5mm ² (Rings, Spades, Hooks, Block Spades and Flanged Spades)	<u>0640010100</u>
Hand Crimp Tool	<u>0640011200</u>
Crimp Head for the AT-200 Pneumatic Hand Tool	<u>0640050100</u>
Crimp Head for the AT-200 Pneumatic Hand Tool	<u>0640051200</u>
ServiceGrade Hand Crimp Tool for Field Repair only, for production use our PremiumGrade Tool	<u>0640160036</u>

This document was generated on Sep 03, 2023