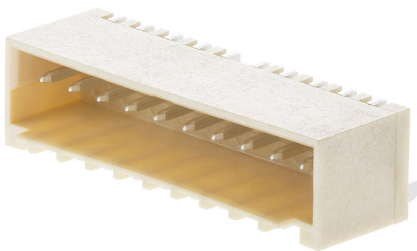




Part Number : [874380743](#)
Product Description : 1.50mm Pitch, Pico-SPOX PCB Header, Single Row, Right-Angle, Surface Mount, Tin over Nickel Plating, Friction Lock, 7 Circuits, Tape and Reel, Beige
Series Number : 87438
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[Drawing 874380743_sd.pdf](#)

3D Models and Design Files

- [2D Drawing DXF 874380743.dxf](#)
- [2D Drawing DXF \(PDF\) 874380743.pdf](#)
- [3D Model 874380743_stp.zip](#)

Specifications

- [Packaging Specification SPK-87438-001-001.pdf](#)
- [Product Specification 874371001-PS-001.pdf](#)
- [Product Specification PS-87437-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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	87438
Description	1.50mm Pitch, Pico-SPOX PCB Header, Single Row, Right-Angle, Surface Mount, Tin over Nickel Plating, Friction Lock, 7 Circuits, Tape and Reel, Beige
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Pico-SPOX Wire-to-Board Connector System
Product Name	Pico-SPOX
UPC	822348438976

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	7

Circuits (maximum)	7
Color - Resin	Beige
Durability (mating cycles max)	10
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.367/g
Number of Rows	1
Orientation	Right Angle
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
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>

This document was generated on Sep 19, 2024