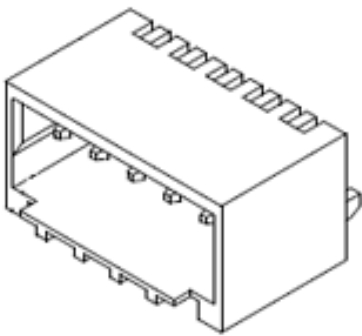




**Part Number :** [780480643](#)  
**Product Description :** 1.50mm Pitch Pico-SPOX Wire-to-Board Header, Liquid Crystal Polymer, Right-Angle, 6 Circuits, Embossed Tape on Reel, Beige  
**Series Number :** 78048  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[Drawing 780480643\\_sd.pdf](#)

### 3D Models and Design Files


- [2D Drawing DXF 780480643.dxf](#)
- [2D Drawing DXF \(PDF\) 780480643.pdf](#)
- [3D Model 780480643\\_stp.zip](#)

### Specifications

- [Packaging Specification SPK-78048-001-001.pdf](#)
- [Product Specification PS-78047-001-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	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

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	78048
Description	1.50mm Pitch Pico-SPOX Wire-to-Board Header, Liquid Crystal Polymer, Right-Angle, 6 Circuits, Embossed Tape on 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	800756707198

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

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

#### Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	Liquid Crystal Polymer
Net Weight	0.402/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

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## Mates With / Use With

### Mates with Part(s)

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

### Use with Part(s)

Description	Part Number
Pico-SPOX Female Crimp Terminals	<u>87421</u>

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This document was generated on Jan 24, 2024