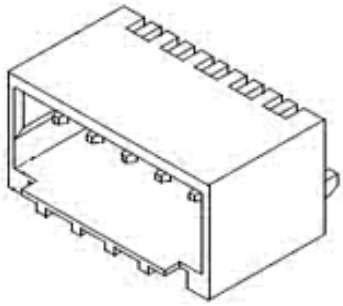
Part Number : 780480643
Product Description : 1.50mm Pitch Pico-SPOX Wire-to-Board Header, Liquid Crystal Polymer, Right-Angle, 6 Circuits, Embossed Tape on Reel, Beige
Series Number : 78048
Status : Not Recommended For New Design
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

780480643_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

780480643.dxf

Specifications

SPK-78048-001-001.pdf

PS-78047-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

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	Not Recommended For New Design
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 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

Mates With / Use With

Mates with Part(s)

Description	Part Number

Pico-SPOX Single Row Receptacle Housings	87439

Use with Part(s)

Description	Part Number
Pico-SPOX Female Crimp Terminals	87421