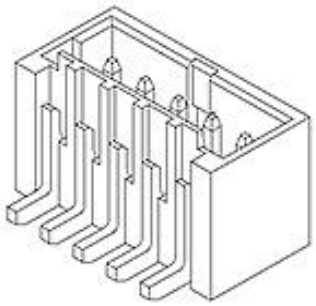
molex



Part Number : 780470443
Product Description : Pico-SPOX Wire-to-Board Header, 1.50mm Pitch, Surface Mount, Vertical, Tin (Sn) Plating, without Cap, Liquid Crystal Polymer, 4 Circuits, Beige, Tape and Reel
Series Number : 78047
Status : Obsolete
Product Category : PCB Headers and Receptacles

Obsolete

Documents and Resources

Drawings

780470443_sd.pdf

Symbol and Footprint (Multi-Format)

Specifications

PS-78047-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33; 44
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains 4,4'-Isopropylidenediphenol; Arsenic acid (H3AsO4), triethyl ester; 4,4'-diaminodiphenylmethane; Dibutylphthalate; Diarsenic-pentaoxide; Arsenic acid (H3AsO4), lead(2+) salt (1:1); 2,4-Dinitrotoluene. per D(2025)6375-DC (05 Nov 2025) SCIP:
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	Obsolete
Category	PCB Headers and Receptacles
Series	78047
Description	Pico-SPOX Wire-to-Board Header, 1.50mm Pitch, Surface Mount, Vertical, Tin (Sn) Plating, without Cap, Liquid Crystal Polymer, 4 Circuits, Beige, Tape and Reel
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Pico-SPOX
UPC	800756709581

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Obsolete

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	0.256/g
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

Obsolete

Mates With / Use With

Mates with Part(s)

Description	Part Number

Pico-SPOX Single Row Receptacle Housings	87439

This document was generated on Dec 07, 2025

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