molex



Part Number : 2183971080
Product Description : Pico-SPOX-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 1.50mm Pitch, Single Row, 50.00mm Length, Tin (Sn) Plating, 8 Circuits, Natural
Series Number : 218397
Status : Active
Product Category : Power and Signal Cable Assemblies

Documents and Resources

Drawings

2183971080_sd.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
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)

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Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Power and Signal Cable Assemblies
Series	218397
Description	Pico-SPOX-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 1.50mm Pitch, Single Row, 50.00mm Length, Tin (Sn) Plating, 8 Circuits, Natural
Application	Signal, Wire-to-Board, Wire-to-Wire
Assembly Configuration	Single Ended Connector
Connector to Connector	N/A
Product Name	Pico-SPOX
Type	Discrete Wire Assembly
UPC	195842352506

Electrical

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

Physical

Cable Length	50.00mm
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Natural
Gender	Female-Pigtail
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze

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Material - Plating Mating	Tin
Material - Resin	Nylon
Net Weight	1.440/g
Number of Rows	1
Packaging Type	Bag
Pitch - Mating Interface	1.50mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Single Ended	Yes
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 10002
Wire Size (AWG)	24

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