molex



Part Number : 2318904042
Product Description : Pico-Lock Female-to-Pico-Lock Female Off-the-Shelf (OTS) Cable Assembly, 3.00mm Pitch, Single Row, Gold (Au) Plating, 450.00mm Length, 18 AWG, 4 Circuits, Black
Series Number : 231890
Status : Active
Product Category : Power and Signal Cable Assemblies

Documents and Resources

Drawings

2318904042_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	231890
Description	Pico-Lock Female-to-Pico-Lock Female Off-the-Shelf (OTS) Cable Assembly, 3.00mm Pitch, Single Row, Gold (Au) Plating, 450.00mm Length, 18 AWG, 4 Circuits, Black
Application	Wire-to-Board
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Pico-Lock-to-Pico-Lock
Keyword	Pico-Lock 3.0
Product Name	Pico-Lock
Type	Discrete Wire Assembly
UPC	198930920724

Electrical

Current - Maximum per Contact	8.0A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Cable Length	450.00mm
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	Copper Alloy

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Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polybutylene Terephthalate (PBT)
Net Weight	23.260/g
Number of Rows	1
Overmolded	No
Packaging Type	Bag
Pitch - Mating Interface	3.00mm
Plating min - Mating	0.100µm
Plating min - Termination	1.000µm
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 1007
Wire Size (AWG)	18

Mates With / Use With

Mates with Part(s)

Description	Part Number
3.00mm Pitch, Pico-Lock Single Row, Right-Angle, Surface Mount PCB Headers	221115

Use with Part(s)

Description	Part Number
3.00mm Pitch, Pico-Lock Female Crimp Terminals	221113

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