Part Number : 2050581000

Product Description : Nano-Pitch I/O-to-Nano-Pitch I/O Cable Assembly, Straight Plug to Straight Plug, 8x (76 Circuits), 34 AWG, Improved Latch Design, 0.30m Length

Series Number : 205058

Status : Active

Product Category : High-Speed I/O Cable Assemblies

Documents & Resources

Drawings

Drawing_2050581000_sd.pdf

Packaging Design Drawing_2050581000-PK.pdf

3D Models and Design Files

3D Model_2050581000_stp.zip

Specifications

Application Specification_2002260000-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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

Part Details

General

Status	Active
Category	High-Speed I/O Cable Assemblies
Series	205058
Description	Nano-Pitch I/O-to-Nano-Pitch I/O Cable Assembly, Straight Plug to Straight Plug, 8x (76 Circuits), 34 AWG, Improved Latch Design, 0.30m Length
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Nano-Pitch I/O Both Ends
Product Family	Nano-Pitch I/O Interconnect System
Product Name	Nano-Pitch I/O
UPC	191128397759

Agency

UL	E72548

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	30V AC (RMS)/DC

Physical

Cable Length	0.30m
Circuits (Loaded)	80 (76)
Color - Resin	Black
Gender	Plug/Plug
Lock to Mating Part	Yes
Material - Metal	Copper Alloy

Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	32.960/g
Packaging Type	Bag
Single Ended	No
Wire/Cable Type	Twinax
Wire Size (AWG)	34

Mates With / Use With

Mates with Part(s)

Description	Part Number
Nano-Pitch I/O Receptacles	173162