



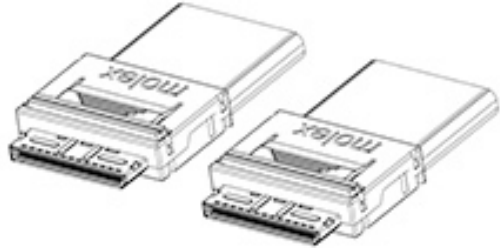
Part Number : [2050581003](#)

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, 0.20m Length

Series Number : 205058

Status : Active

Product Category : High-Speed I/O Cable Assemblies



Documents & Resources

Drawings

[Drawing 2050581003_sd.pdf](#)

3D Models and Design Files


[3D Model 2050581003_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(2022)9120-DC (17 Jan 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, 0.20m 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
Type	Internal
UPC	191128397780

Agency

UL	E72548
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Electrical

Current - Maximum per Contact	0.5A
Data Rate	25.0 Gbps
Voltage - Maximum	30V AC (RMS)/DC

Physical

Cable Bundling	Woven Braid
Cable Length	0.20m
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	29.230/g
Packaging Type	Bag
Release Style	Thumb Release
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	<u>173162</u>