

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2050581001](#)
Status: **Active**
Overview: Nano-Pitch I/O Interconnect System
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, 0.50m Length

Documents:

[3D Model](#) [Application Specification 2002260000-000 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[3D Model \(PDF\)](#)

Agency Certification

UL E72548

General

Product Family Cable Assemblies
 Series [205058](#)
 Assembly Configuration Dual Ended Connectors
 Connector to Connector Nano-Pitch I/O Both Ends
 Overview [Nano-Pitch I/O Interconnect System](#)
 Product Name Nano-Pitch I/O
 UPC 191128397766

Physical

Cable Length 0.50m
 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 40.273/g
 Number of Rows 2
 Packaging Type Bag
 Single Ended No
 Wire Size AWG 34
 Wire/Cable Type Twinax

Electrical

Current - Maximum per Contact 0.5A
 Shielded No
 Voltage - Maximum 30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification 2002260000-000
 Sales Drawing 2050581000-000



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2021)4569-DC (8
 July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[205058](#) Series

Mates With

Nano-Pitch I/O Receptacles [173162](#)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[205058-1001](#)