

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1004361000](#)
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, 4x (38 Circuits), 34 AWG, with Latches, 0.30m Length

Documents:

[3D Model](#) [Packaging Specification PK-100436-1000-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

UL E72548

General

Product Family Cable Assemblies
 Series [100436](#)
 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 889056429948

Physical

Cable Length 0.30m
 Circuits (Loaded) 42 (38)
 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 39.865/g
 Number of Rows 2
 Packaging Type Bag
 Single Ended No
 Wire Size AWG 34
 Wire/Cable Type Twinax

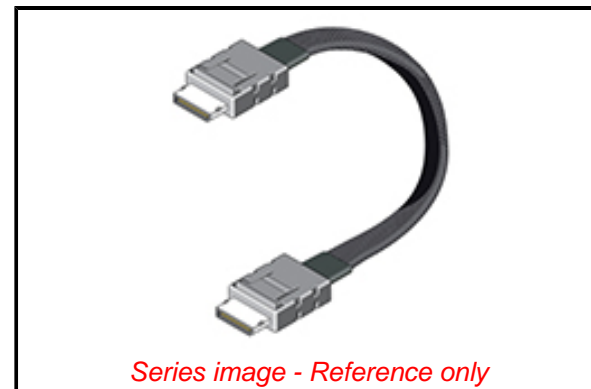
Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification PK-100436-1000-001
 Sales Drawing 1004361000-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2020)9139-DC (19
 Jan 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

[100436 Series](#)

Mates With

Nano-Pitch I/O Right Angle Receptacle
[171982](#)
 Nano-Pitch I/O Vertical
 Receptacle [171983](#)

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Computer Cables](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[68809-0004](#) [8F36-AAA105-1.00](#) [IB63](#) [CB-716EB-RS](#) [CB-716P8P9-RS](#) [CBK-11-290K-00](#) [ACL-10550](#) [ACL-10568-2](#) [ACL-10568-5](#)
[427522400-3](#) [32102-021500-200-RS](#) [426091300-3](#) [48000023](#) [10114976-P015002LF](#) [88761-6101](#) [NT631C-CN321-EU](#) [ACL-10568NF-1](#)
[MIKROE-2092](#) [PCL-101100R-2E](#) [1700009405](#) [PS/2 Cable](#) [NT31C-CN323-EU](#) [FWAX-PK1-51](#) [PCL-10168H-1E](#) [68801-1905](#) [111068-1015](#)
[100436-1107](#) [68801-0630](#) [68801-3612](#) [68801-3618](#) [205058-1002](#) [PS2NK](#) [SATA cable](#) [96021-0000-00-0](#) [FAK-SMZSMZ 5M](#) [FAK-](#)
[SMZSMZ-3M](#) [ACC-500-200-R](#) [iW-C40-PCIe08-C1](#) [1700001531](#) [96048-0000-00-0](#) [SATA III cable 30cm, down/straight](#) [cab-Pico-ITX-](#)
[LVDS](#) [PCL-101100SB-2E](#) [AXXSTCBLQAT](#) [NT31C-KBA05](#) [PCL-101100M-2E](#) [A2U4PSWCXCXK1](#) [2 port SATA to 5 pin,L=200mm](#)
[ACL-10568NF-2](#) [C-PS2WG/5](#)