

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2021431001](#)  
**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 (42 Circuits), 34 AWG, with Latches, 0.50m Length

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Cable Assemblies
Series	<a href="#">202143</a>
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Nano-Pitch I/O Both Ends
Overview	<a href="#">Nano-Pitch I/O Interconnect System</a>
Product Name	Nano-Pitch I/O
UPC	191128058308

**Physical**

Cable Length	0.50m
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	24.589/g
Packaging Type	Bag
Single Ended	No
Wire Size AWG	34
Wire/Cable Type	Twinax

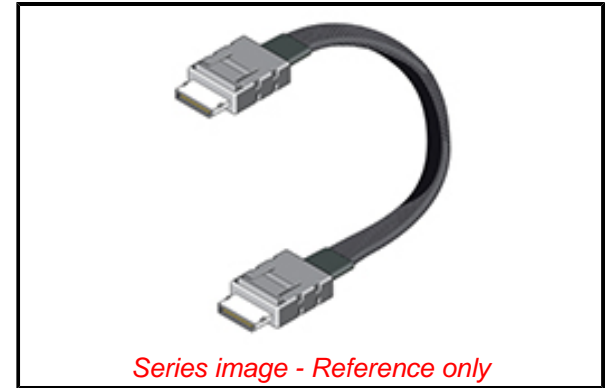
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	2021431000-000
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**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**

[202143 Series](#)

**Mates With**

Nano-Pitch I/O Receptacles [171982](#) ,  
[171983](#)