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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 | 202143 |
| 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 | 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 |

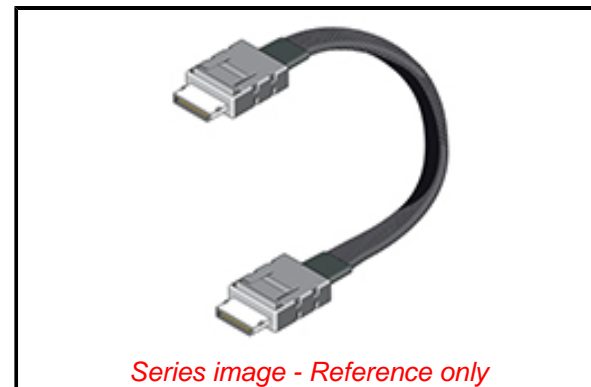
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|---------------|----------------|
| Sales Drawing | 2021431000-000 |
|---------------|----------------|



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

[202143 Series](#)

Mates With

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

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