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Part Number: [1001531000](#)
Status: **Active**
Overview: Nano-Pitch I/O Interconnect System
Description: Nano-Pitch I/O-to-Nano-Pitch I/O Cable Assembly, Right-Angle Plug to Straight Plug, 4x (38 Circuits), 34 AWG, with Latches, 0.30m Length

Documents:

[3D Model](#) [Drawing \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E72548

General

Product Family Cable Assemblies
 Series [100153](#)
 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 889056650946

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, Nylon
 Net Weight 12.369/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 SD-100153-1000-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
 D(2020)4578-DC (25
 June 2020)
 Perfluorohexane-1-
 sulphonic acid and its
 salts
 Tris(4-nonylphenyl,
 branched and linear)
 phosphi
 Zirconia
 Aluminosilicate
 Refractory Ceramic
 Fibr
 1,2-
 benzenedicarboxylic
 acid, dipentylester,
 bra
 Terphenyl,
 hydrogenated
 2-(2H-benzotriazol-2-
 yl)-4-(tert-butyl)-6-
 (sec-b
 2-(2H-benzotriazol-2-
 yl)-4,6-
 ditertpentylphenol
 2-ethylhexyl 10-
 ethyl-4,4-dioctyl-7-
 oxo-8-oxa-3,
 ammoniumpentadecafluorooctanoate
 disodium 4-
 amino-3-[[4'-[(2,4-
 diaminophenyl)azo]
 dibutyltin dichloride
 1,2-diethoxyethane
 disodium 3,3'-[[1,1'-
 biphenyl]-4,4'-
 diylbis(azo)
 decamethylcyclopentasiloxane
 dodecamethylcyclohexasiloxane

China RoHS

benzo[ghi]perylene
ethylene thiourea
phenanthrene
[phthalato(2-)]dioxotrilead
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
Sulfurous acid, lead
salt, dibasic
cadmium hydroxide
pyrochlore, antimony
lead yellow
orange lead
1,2-bis(2-
methoxyethoxy)ethane
1,2-dimethoxyethane
bis(2-methoxyethyl)
phthalate
pentazinc chromate
octahydroxide
tetraboron disodium
heptaoxide, hydrate
tris(2-chloroethyl)
phosphate

**Halogen-Free
Status**

Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[100153](#) Series

Mates With

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

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