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Part Number: [2050581002](#)
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, 1.0m 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 191128397773

Physical

Cable Length 1.0m
 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 59.030/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
 D(2020)4578-DC (25
 June 2020)
 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]
 1,3-propanesultone
 dibutyltin dichloride
 1,2-diethoxyethane
 diisopentylphthalate
 disodium 3,3'-[[1,1'-
 biphenyl]-4,4'-
 diylbis(azo)
 decamethylcyclopentasiloxane
 dodecamethylcyclohexasiloxane
 perfluorooctanoic acid
 benzo[ghi]perylene
 2-(2H-benzotriazol-2-
 yl)-4,6-
 ditertpentylphenol
 Perfluorohexane-1-
 sulphonic acid and its
 salts
 reaction mass of
 2-ethylhexyl 10-
 ethyl-4,4-dioct
 Methylhexahydrophthalic
 anhydride
 Perfluorononan-1-
 oic acid
 (2,2,3,3,4,4,5,5,6,6,7
 Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o

China RoHS

Pyrene
Tris(4-nonylphenyl,
branched and linear)
phosphi
Nonadecafluorodecanoic
acid (PFDA) and its
sodi
Zirconia
Aluminosilicate
Refractory Ceramic
Fibr
Boric acid
n-pentyl-
isopentylphthalate
1,2-
benzenedicarboxylic
acid, dipentylester,
bra
diisohexyl phthalate
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra
Terphenyl,
hydrogenated
2-(2H-benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
pyrochlore, antimony
lead yellow
cadmium
orange lead
cadmium sulphide
cadmium oxide (non-
pyrophoric)
bis(pentabromophenyl)
ether
1,2-bis(2-
methoxyethoxy)ethane
1,2-dimethoxyethane
bis(2-methoxyethyl)
phthalate
pentazinc chromate
octahydroxide
bis(2-methoxyethyl)
ether
strontium chromate
tetraboron disodium
heptaoxide, hydrate
tris(2-chloroethyl)
phosphate
Lead sulfochromate
yellow
pyrochlore, antimony
lead yellow
benzo[ghi]perylene
di-n-pentyl phthalate
(DPP)
ethylene thiourea
phenanthrene
dihexyl phthalate
(DnHP)
4-aminoazobenzene
benzo[a]pyrene
[phthalato(2-)]dioxotrilead

Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
Sulfurous acid, lead
salt, dibasic
cadmium hydroxide
lead cyanamidate
Lead titanium
zirconium oxide
dioxobis(stearato)trilead
pentalead tetraoxide
sulphate
lead oxide sulfate
lead dinitrate

Halogen-Free

Status

Not 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

[205058](#) Series

Mates With

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

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