

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

**Part Number:** [1004364013](#)  
**Status:** **Active**  
**Overview:** [Nano-Pitch I/O Interconnect System](#)  
**Description:** Nano-Pitch I/O-to-iPass+ HD Mini SAS Cable Assembly, Straight Plug to Straight Plug, 4x (38 Circuits), 34 AWG, with Latches, 1.0m Length

**Documents:**

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

**General**

Product Family	Cable Assemblies
Series	<a href="#">100436</a>
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Nano-Pitch I/O-to-iPass+ HD
Overview	<a href="#">Nano-Pitch I/O Interconnect System</a>
Product Name	iPass+ HD, Nano-Pitch I/O
UPC	889056479639

**Physical**

Cable Length	1.0m
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	49.111/g
Number of Rows	2
Packaging Type	Bag
Single Ended	No
Wire Size AWG	34
Wire/Cable Type	Twinax

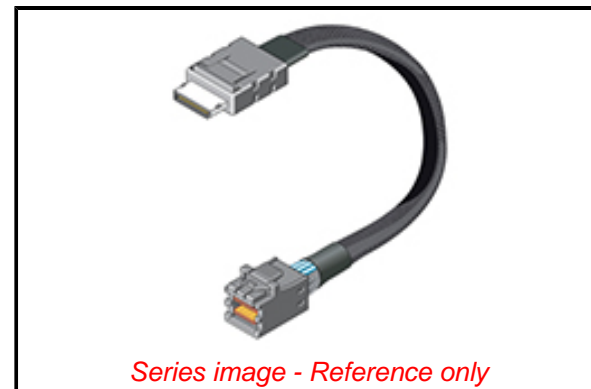
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SD-100436-4011-001
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
ED/30/2017 (7 July  
2017)  
2,4-Di-tert-butyl-6-(5-  
chlorobenzotriazol-2-  
yl)p

**Halogen-Free**

**Status**

**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](#) <br> Nano-Pitch I/O Vertical  
Receptacle [171983](#)

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