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**Part Number:** [2002271000](#)  
**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, 8x (76 Circuits), 34 AWG, with Latches, 0.30m Length

**Documents:**

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

**Agency Certification**

UL E72548

**General**

Product Family Cable Assemblies  
 Series [200227](#)  
 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 889056767484

**Physical**

Cable Length 0.30m  
 Circuits (Loaded) 80 (76)  
 Color - Resin Black  
 Gender Plug/Plug  
 Lock to Mating Part Yes  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold over Nickel  
 Material - Plating Termination Tin over Nickel  
 Material - Resin Liquid Crystal Polymer  
 Net Weight 23.783/g  
 Packaging Type Bag  
 Single Ended No  
 Wire Size AWG 34  
 Wire/Cable Type Twin-ax

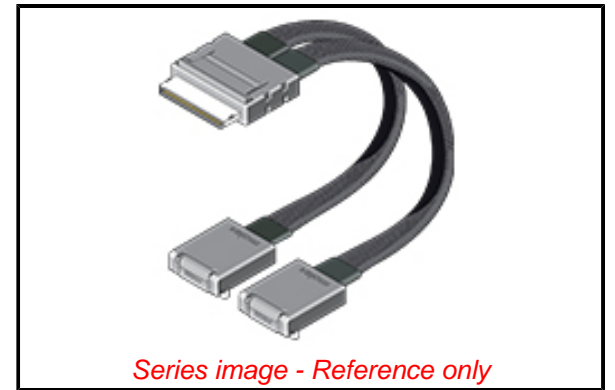
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing 2002271000-000



**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**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

CUST_NOTE	*Product contains part(s) with customer managed
CUST_NOTE1	EHS data. These part(s) are excluded from product compliance status evaluation.
CUST_NOTE2	Green Image
China ROHS	Not Relevant
ELV	Not Contained
RoHS Phthalates	

**Search Parts in this Series**

[200227](#) Series

**Mates With**

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

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