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**Part Number:** **5018005031**  
**Status:** **Active**  
**Overview:** Micro IDT Coaxial Connectors  
**Description:** Micro IDT Coaxial Side-Entry-to-Top-Entry Cable Jumper Plug, 50 Circuits, 100mm Length

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-501083-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-501800-027-001 (PDF)</a>
<a href="#">Product Specification PS-501044-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Cable Assemblies
Series	<u>501800</u>
Application	Signal, Wire-to-Board
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Micro IDT Coaxial Both Ends
Overview	<u>Micro IDT Coaxial Connectors</u>
Product Name	Micro IDT Coaxial Cable Jumper
UPC	822350738422

**Physical**

Cable Length	100.00mm
Circuits (Loaded)	50
Color - Resin	Black
Gender	Male-Male
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold over Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	2673.801/mg
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Plating min - Mating	0.051µm
Single Ended	No
Termination Interface: Style	IDT or Pierce
Wire Size AWG	42
Wire/Cable Type	Coaxial

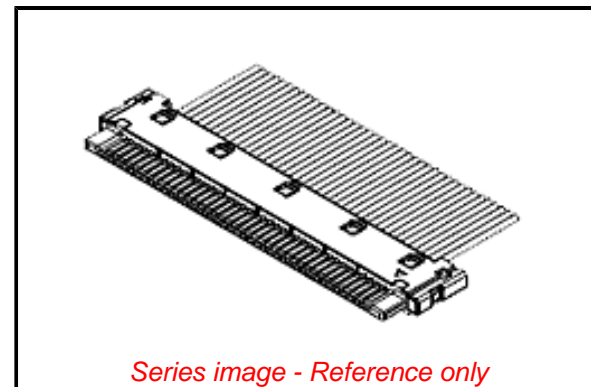
**Electrical**

Current - Maximum per Contact	0.2A
Voltage - Maximum	30V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-501800-027-001
Product Specification	PS-501044-001-001, PS-501083-001-001
Sales Drawing	SD-501800-003



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**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.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

501800 Series

**Mates With**

501044 0.40mm Pitch Wire-to-Board PCB Receptacle