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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:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-501044-001-001 \(PDF\)](#)  
[Product Specification PS-501083-001-001 \(PDF\)](#)  
[Packaging Specification SPK-501800-027-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

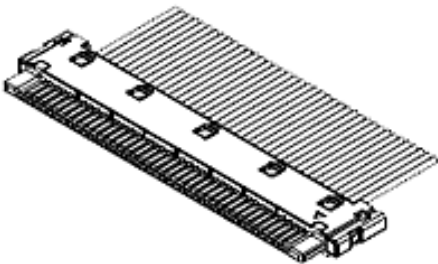
**General**  
Product Family Cable Assemblies  
Series [501800](#)  
Application Signal, Wire-to-Board  
Assembly Configuration Dual Ended Connectors  
Connector to Connector Micro IDT Coaxial Both Ends  
Overview [Micro IDT Coaxial Connectors](#)  
Product Name Micro IDT Coaxial Cable Jumper  
UPC 822350738422

**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**

| <b>EU RoHS</b>                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>China RoHS</b>                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>Compliant</b><br><b>REACH SVHC</b><br>Not Contained Per<br>-ED/01/2018 (15<br>January 2018)<br><b>Halogen-Free</b><br><b>Status</b><br><b>Not Low-Halogen</b><br><b>Need more information on product<br/>environmental compliance?</b><br><br>Email <a href="mailto:productcompliance@molex.com">productcompliance@molex.com</a><br>Please visit the <a href="#">Contact Us</a> section for any<br>non-product compliance questions. |                                              |
| China ROHS<br>ELV<br>RoHS Phthalates                                                                                                                                                                                                                                                                                                                                                                                                    | Green Image<br>Not Relevant<br>Not Contained |

**Search Parts in this Series**  
[501800](#) Series

**Mates With**  
[501044](#) 0.40mm Pitch Wire-to-Board PCB  
Receptacle

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