

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

**Part Number:** **5010833010**  
**Status:** **Active**  
**Overview:** Micro IDT Coaxial Connectors  
**Description:** 0.40mm Pitch Wire-to-Board PCB Receptacle, Vertical, 30 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-501083-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[3D Model \(PDF\)](#)

**General**

Product Family PCB Receptacles  
Series 501083  
Application Signal, Wire-to-Board  
Overview Micro IDT Coaxial Connectors  
Product Name Micro IDT Coaxial Cable Jumper  
UPC 822348750870

**Physical**

Circuits (Loaded) 30  
Circuits (maximum) 30  
Color - Resin Black  
Durability (mating cycles max) 10  
Glow-Wire Capable No  
Lock to Mating Part Yes  
Material - Metal Phosphor Bronze, Stainless Steel  
Material - Plating Mating Gold  
Material - Plating Termination Gold  
Material - Resin High Temperature Thermoplastic  
Net Weight 129.836/mg  
Number of Rows 1  
Orientation Vertical  
PCB Locator No  
PCB Retention Yes  
Packaging Type Embossed Tape on Reel  
Pitch - Mating Interface 0.40mm  
Polarized to Mating Part Yes  
Polarized to PCB Yes  
Temperature Range - Operating -30° to +75°C  
Termination Interface: Style Surface Mount

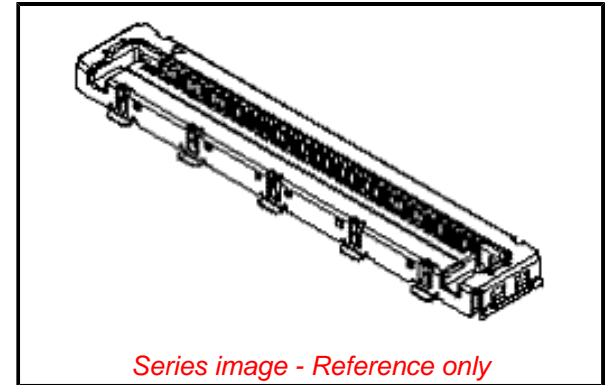
**Electrical**

Current - Maximum per Contact 0.2A  
Voltage - Maximum 30V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-501083-001-001  
Sales Drawing SD-501083-001, SD-501083-002



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**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**

[501083 Series](#)

**Mates With**

Contact Molex for mating plug harness details